BUCK & HICKMAN
LIMITED

2, WHITECHAPEL ROAD
LONDON, E.1.

BIRMINGHAM — GLASGOW — MANCHESTER

+75%

Tools & Supplies

BUCK & HICKMAN, Ltd.

Toolmakers and Engineers
Iron and Steel Merchants

General Catalogue

OF

TOOLS & SUPPLIES

FOR ALL
MECHANICAL TRADES

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Preface

OUR 1935 GENERAL CATALOGUE of Small Tools and Supplies is published in the hope that it will prove of service to our friends in all parts of the world. Our ambition has been to render it serviceable in the fullest sense to all users of Tools and Mechanical Supplies and a STANDARD WORK OF REFERENCE.

DESIGNS and TECHNICAL DETAILS have been carefully revised, and as far as possible the LIST PRICES have been adjusted. It should, however, be noted that in view of the fluctuations constantly occurring the printed prices are subject to frequent and in many cases wide variations. Whilst the greatest care has been exercised in checking details we do not accept responsibility for errors or omissions.

The Policy followed since the establishment of this business has been to offer ONLY GOODS of THOROUGHLY RELIABLE QUALITY. Our practical experience as manufacturers enables us to supervise effectively the quality of the tools we handle, and to give technical assistance to our friends. The first catalogue issued by BUCK & HICKMAN some sixty-eight years ago consisted of 32 octavo pages in a paper cover. The present volume marks the progress of the business and testifies to the soundness of its policy and methods.

SPECIAL ATTENTION is invited to the Formulas and Tables included. They will be found useful for constant reference in all shop problems. Detailed equivalents of Inches and Millimetres, English and Metric Weights and Measures, Conversion Factors, Decimal equivalents of all Gauges in general use, Formulas for Screw Threads, British Standard Sizes of Bolts and Nuts, Pipe Flanges, Copper Tubes, etc., and Mensuration Formulas are given and much additional information is included. PLEASE DO NOT MUTILATE THE BOOK, we shall always be pleased to send spare pages on application.

We endeavour to keep abreast of developments in the Mechanical Trades and are constantly adding to our stock new tools and appliances. It should, therefore, be emphasized that we handle a variety of supplies which are not included in these pages.

Buck & Hickman, Ltd.

1935.

Machine Tools

MACHINE TOOLS are omitted from this book. A separate Catalogue is issued relating to this branch of our business and will be sent to interested parties on request. We carry a comprehensive stock of British and American Machine Tools of all descriptions and represent many of the largest American Manufacturers of Machine and Small Tools.

Stillson Pipe Wrenches

(American make)

Fig. 1993A. 6 to 14 in., with Wood or Steel Handles.

Fig. 1994A
10 to 48 in., with Steel Handles.

These wrenches are made in two styles, wood and steel handles. The bar and jaw are manufactured from high carbon steel, drop forged, heat treated and tempered, the combined processes giving a strength that ensures their holding up under the severest strain. Both bar and jaw are reinforced at all essential points. Adjusting nuts are of steel, case hardened. Jaws and bars are highly polished and the wood handles are of ebonised finish reinforced with steel ferrules.

PRICE, each

	With Wood Handle				With All Steel Handle							
Length when open .. in.	6	8	10	14	6	8	10	14	18	24	36	48
Takes Pipes .. .. .. in.	⅛-½	⅛-¾	⅛-1	⅛-1½	⅛-½	⅛-¾	⅛-1	⅛-1½	⅛-2	⅛-2½	⅛-3½	1-5
Wrench complete	8/4	9/6	13/3	17/9	7/11	9/2	12/-	16/-	23/-	35/6	62/6	104/-
Jaws	2/9	2/11	4/7	6/3	2/9	2/11	4/7	6/3	9/-	14/7	23/9	37/6
Frames with Pin	1/11	2/4	2/11	3/4	1/11	2/4	2/11	3/4	4/-	7/4	11/6	14/7
Wood Handles	1/-	1/1	1/3	1/6	—	—	—	—	—	—	—	—
Steel Handles, with Springs ..	—	—	—	—	4/2	4/10	6/8	9/2	13/7	21/6	43/9	70/10
Adjusting Nuts.	/8	/8	/10	1/3	/8	/8	/10	1/3	1/6	2/4	4/7	8/4
Springs	/5	/5	/5	/5	/5	/5	/5	/5	/6	/6	/7	/7
Frame Pins	/2	/2	/2	/2	/2	/2	/2	/2	/2	/2	/3	/3
End Nuts	/8	/8	/10	/10	—	—	—	—	—	—	—	—

"Record" Stillson Pattern Pipe Wrenches (British made)

Figs. 1933B and 1934B. List Prices as above. (6 in. Steel Handle is not made).

"Walco" Pipe Wrench (Made in U.S.A.)

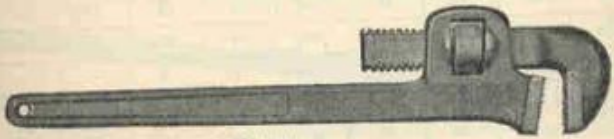


Fig. 695

This Wrench is of exceptional strength and consists of only four parts :—Bar, Jaw, Nut, and Spring. The Threads on the Jaw have rounded crests to prevent jamming. The Wrench is so constructed that it cannot lock on the Pipe.

PRICES

Length open, in.	6	8	10	14	18	24	36	48
Grips Pipe, in.	⅛-½	⅛-¾	⅛-1	⅛-1½	⅛-2	⅛-2½	⅛-4	1-6
PRICE, each	7/11	9/2	11/11	16/1	22/11	35/5	62/6	104/2

PARTS

For size in.	6	8	10	14	18	24	36	48
Bars .. each	4/7	5/8	7/4	10/3	15/-	23/7	47/11	78/2
Jaws	2/9	2/11	4/7	6/3	9/-	14/7	23/9	37/6
Nuts	/8	/8	/10	1/3	1/6	2/4	4/7	8/4
Springs ..	1/1	1/3	1/6	1/8	2/1	2/6	2/11	3/4

"Little Giant" Pipe Wrenches (Made in U.S.A.)

8 in. and 10 in.
With Double Set of Teeth on Head

Fig. 4620

14 in., 18 in. and 24 in.
With Four Sets of Teeth on Head

Simple, Light and Strong. No springs or pins to break.
The extra sets of teeth on head add proportionately to the life of the tool.
Owing to the design of the end-opening jaws there is increased effective swing in confined places.

	8	10	14	18	24 in.
Length					2½ "
Capacity, Pipes	¾	1	1½	2	8 lb.
Approx. weight	½	1 5/8	2¾	4½	
PRICE	9/5	10/5	14/7	20/10	30/3 each

ROSE TOOLS, INC.

"Vulcan" Patent Drop-Forged Steel Chain Pipe Wrench

For Gripping, Turning, or Holding Pipes, Bolts, Bars, Shafts, &c., from ⅛ to 18 in. Diameter, (Made in U.S.A.)
supplied either with Cable or Flat-Link Chain

Fig. 2084
"Vulcan," with Flat-link Chain.

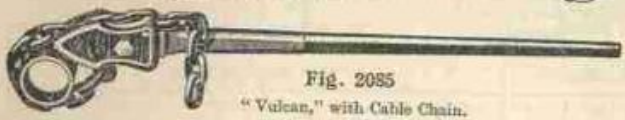


Fig. 2085
"Vulcan," with Cable Chain.

Strong and durable. Made from wrought steel. The drop-forged jaws are of saw temper, and the teeth can be sharpened by filing. The pressure of the teeth is in a line tangent to the circumference of the pipe, and this, combined with the encircling grip of the chain, prevents crushing. The cable chains are of finest quality. The flat-link chains are hand-made from steel prepared expressly for them and carefully treated. The breaking strain of "Vulcan" Chains is much higher than other makes.

Fig. 3859
"Vulcan," with double-ended Reversible Jaws and Flat-link Chain.

To change the chain, unscrew one cap-screw, but remove neither jaw; slip out the internal pin on which the chain swings, thus releasing the chain; insert new chain, replace pin and cap screw, screwing the latter firmly into place.

All parts are interchangeable, and can also be supplied.

Fig. 9687
"Vulcan Superior," with Reversible Pipe and Fittings Jaws.

The "V" recess in the jaws, combined with their general design, gives the "Vulcan Superior" a greater number of grips or "bites," both on pipe and fittings than ordinary wrenches.

Flat-Link Chain sent unless otherwise specified.

Figs. 2084 & 2085 .. .. Nos.	10	11	12	13	13½	14	15	15½	16
Fig. 3859 (Reversible Jaws) .. .. Nos.	30	31	32	33	33½	34	35	—	—
Fig. 9687 "Vulcan Superior" .. .. Nos.	0	1	2	3	3½	4	5	—	—
Capacity. Fitting Pipes .. .. .. in.	⅛ to ⅜	⅛ to 1½	⅛ to 2½	⅛ to 4	1 to 6	1½ to 8	2 to 12	4 to 16	4 to 18
Length overall .. .. "	13½	20	27	37	44½	50½	64½	85	87
Weight (approx.) .. .. lb.	2	5½	10	17	26	34	54	98	137
Length of Flat-link Chain ..									
Figs. 2084, 3859 and 9687 .. in.	9½	13½	17½	22½	32	40½	55½	68	74½
" " Cable Chain, Fig. 2085 .. "	9½	14½	18	27	33½	42	57	67	76
PRICES, all patterns .. .. .. each	20/10	29/2	41/8	58/4	75/-	91/8	150/-	250/-	333/4
Extra Parts—Flat-link Chains .. .. "	6/3	8/4	12/6	20/10	29/2	37/6	62/6	125/-	166/8
—Jaws .. .. .. pair	8/4	14/7	23/2	33/4	39/7	45/10	62/6	100/-	133/4

"Record" Chain Pipe Wrenches

Fig. 782

British Made

Similar to Fig. 3859 shown above.

No.	230	231	232	233	233½	234	235	216*
Capacity .. in.	⅛-⅜	⅛-1½	⅛-2½	⅛-4	1-6	1½-8	2-12	4-18
Length overall "	14	20	27	37	44½	50½	64½	87
PRICE .. each	21/-	29/-	41/6	58/6	75/-	91/6	150/-	333/6
Jaws per pair	8/3	14/6	23/-	33/3	39/6	45/9	62/6	133/6
Chains .. each	6/3	8/3	12/6	21/-	29/-	37/6	62/6	166/6

* Supplied with Non-Reversible Jaws as per Fig. 2084 above.

Chain Pipe Wrenches

Fig. 783

Simple yet Efficient. Best Quality Cycle Chain. Carbon Steel Handle.

Length ..	5	8	11	14	20	28	36 in
Capacity ..	1½	2½	3	4	6	9	12 "
PRICE ..	1/-	2/3	4/6	9/-	17/6	25/-	32/6

ROSE TOOLS, INC.

Adjustable Pipe Tongs

Fig. 2101

Length in.	Jaws Open in.	PRICE, per dozen Best Finish	Second Finish
4	—	18/6	17/-
5½	⅛ to 1½	23/-	19/-
7	⅛ „ 1¾	28/6	22/6
9	¼ „ 2½	43/-	35/6
12	¼ „ 3	66/6	55/-
14	¼ „ 3	82/6	67/-
16	¼ „ 3½	134/-	110/-
21	¼ „ 4½	171/-	144/-

Special Pipe Tongs

Fig. 2100
With Hooked Upper Jaw

Length in.	Grips Pipe in.	PRICE each.
12	¼ to 1	6/10
15	¼ „ 1½	8/-
21	¼ „ 2½	17/11
30	1 „ 3½	33/6

Parrot-Nose Pipe Wrenches

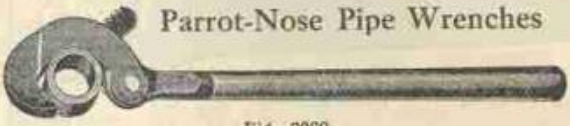


Fig. 2088

A takes	¼ to ½ in.	8/8 each		F takes	1½ to 3 in.	39/- each
B „	¼ „ ⅝ „	9/- „		G „	2 „ 4 „	47/- „
C „	¼ „ 1¼ „	12/- „		H „	2 „ 5 „	63/- „
D „	1 „ 2 „	18/- „		J „	3 „ 6 „	80/- „
E „	1½ „ 2½ „	23/- „				

Gas Pipe and Socket Tongs

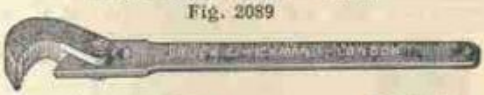
Fig. 2087

Pipe Size	⅛	¼	⅜	½	¾	1	1¼	1½	2	2½	3 in.
PRICE	3/9	4/9	5/6	7/-	7/6	9/3	11/6	13/-	14/9	15/9	17/6 ea.

Socket Tongs advance one size.

Improved Gas Tongs

Fig. 2089



No. 1 takes	⅛, ¼, ⅜ in. Pipe	.. ..	PRICE	13/6 ea.
„ 2 „	⅜, ½, ¾ „ „	.. ..	„	17/3 „
„ 3 „	¾, 1, 1¼ „ „	.. ..	„	21/- „
„ 4 „	1¼, 1½, 2 „ „	.. ..	„	42/- „
„ 5 „	2½ & 3 „ „	.. ..	„	48/- „
„ 6 „	3 & 4 „ „	.. ..	„	48/- „

Adjustable Gas Tongs

Fig. 2090

No. 1 takes from	⅛	in. to	1	in. Pipes	PRICE	28/9 ea.
„ 2 „	¼	„	1¼	„	„	38/6 „
„ 3 „	⅜	„	2½	„	„	48/- „
„ 4 „	1½	„	4	„	„	84/- „

"Johnston" Automatic Pipe Wrench

High-grade, drop forged, self-adjusting, self-releasing.
Never jams.

Fig. 1733

Length open	12	16	24 in.
Takes Pipe	⅛ to 1	¼ to 1½	½ to 2½ „
Wrench complete	9/6	12/6	27/6 each
Extra Jaw	5/-	7/-	11/- „

Warnock Smooth Grip Pipe Wrench (Made in U.S.A.)

Flexible woven strap, drop forged shackle, enamelled handle and polished head. Suitable for nickel-plated or highly polished brass pipes, &c.

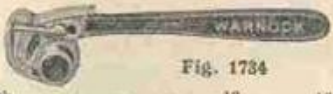


Fig. 1734

Length	12	18 in.
Takes Pipes	½ to 2	1 to 5 „
Wrench complete	13/9	27/6 each
Extra Straps	2/9	5/6 „

"Bear" Smooth Grip Chain Pipe Wrench

Fig. 2086. Reversible

Takes Pipes ..	½ to 2½	1½ to 4	2 to 8	3 to 12	6 to 18 in.
PRICE ..	34/6	46/-	60/-	165/-	300/- each

Chains only, half price of complete wrench.

ROSE TOOLS, INC.

"The Master" Adjustable Spanner Fig. 1444

The handle mechanism is mounted in a ball-race, which eliminates friction. The body of hydraulic drawn steel, is in one piece and virtually unbreakable. The jaws are arranged to grip four sides of a hexagon nut. It will grip and turn smooth round bar, will remove studs and split pins. It can be used as a vice or a clamp.

Sizes	3½	6	9 in.
PRICE	3/6	5/6	8/6 each

Crocodile Pipe Wrench

Fig. 2093

No.	1	2	3	4	5	
Span	¾	1	1½	2	3	in.
PRICE	3/6	7/-	10/-	15/-	22/-	each

Williams' "Bull Dog" Pipe Wrench (Made in U.S.A.)

Double-ended Fig. 1713

Drop forged from special grade of High Carbon Steel and tempered in oil.

PRICE, 10 in. long, holds pipes ¼ to ⅜ in. .. 6/3 each

Williams' "Bull Dog" Pipe Wrench

Single-ended. The handles of Nos. 2 and 2½ are concave.

No.	2	2½	3	3½	4	4½	5
Takes pipe in.	½ to ¾	¾ to 1	¾ to 1¼	¾ to 1½	1¼ to 2	1½ to 2½	2 to 3
PRICE, each	4/2	6/3	8/4	10/5	12/6	16/8	20/10

Fig. 1692

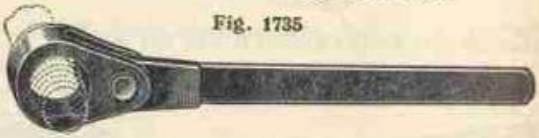
Stud Setting Box

Fig. 1736

Stud diam. in.	PRICE each	Stud diam. in.	PRICE each
¼	7/-	1	14/-
⅜	7/-	1¼	16/-
½	8/6	1½	18/6
⅝	10/-	1¾	21/-
¾	12/-	1½	24/-

Stud Removing Spanner

Fig. 1735



For Studs ..	⅜ to ½	½ to ⅝	⅝ to 1	1¼ to 1½	1½ to 1¾ in.
PRICE ..	16/-	16/6	18/-	20/-	23/- each

Budding or MacMahon Spanners

Fig. 2059

Size ..	6	8	10	12	14	16	81	21	24	27	30 in.
To Span ..	1	1½	1½	1½	2	2½	2½	2½	3½	3½	4 "
PRICE ..	8/-	9/6	11/6	13/6	15/6	18/6	25/-	30/-	33/6	48/-	65/- each

Double Bar Coach Wrenches

Fig. 2057

Size ..	6	8	10	12	14	16	18 in.
To Span ..	1½	1½	2	2½	3	3½	4 "
PRICE ..	9/-	10/3	14/-	18/6	22/6	28/-	35/- each

Automobile Wrenches. Fig. 2071. (American). Fig. 2071E. (British.)

Fig. 2071 Finished Black

No. ..	1	2	3	4	5	6	7	
Size (Fig. 2071) ..	5½	7½	9	11	15	18	21	in.
" (Fig. 2071E) ..	7	9	11½	14½	18	—	—	"
Opening " ..	1 1/16	2	2½	3	3½	4½	4½	"
PRICE, Fig. 2071 ..	3/6	4/3	5/3	8/-	14/9	18/9	31/3	each
" " 2071E ..	2/6	3/6	6/-	10/-	20/-	—	—	"

ROSE TOOLS, INC.

Improved Shifting Spanners

Fig. 2064. Wrought steel with smooth Hardened Jaws.

Size	4½	5½	7	9	10½	12	15	18 in.
PRICE	2/8	3/4	3/11	5/9	7/8	9/6	16/-	19/9 each

Improved Shifting Spanners

Fig. 1695. Black Finish

Size	5½	7	9	11	12	15 in.
PRICE	2/2	2/7	4/1	4/5	7/9	8/5 each

Adjustable Wrenches (Made in U.S.A.)

Drop-forged from steel bar. Finished black. Sliding Bar graduated to $\frac{1}{16}$ in.

Fig. 3863

Size, 6 in.; Opens, 1½ in.; Weight, 11¼ oz.; Price, 7/- ea.
„ 7 „ „ 1¾ „ „ 19 „ „ 8/6 „
Similar design to Fig. 2070

Fig. 2070

Size, 5 in.; Opens, 1 in. Weight, 7½ oz.
PRICE . 6/3 each

Lucas "Girder" Wrenches

Fig. 1732

Strongly made, accurate, easily manipulated, neat in appearance and light to handle. Carefully tempered and finished gun black.

No. 90.	Size, 3½ in.	PRICE 2/9 each
„ 91.	„ 4½ „	„ 3/9 „
„ 93.	„ 7½ „	„ 6/6 „

Billings' Patent Adjustable Wrenches (Made in U.S.A.)

Pocket Wrench. Fig. 2069

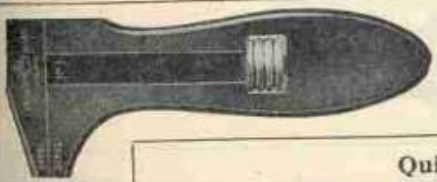
Made of forged steel throughout, and the sliding bar is graduated to $\frac{1}{16}$ in., with oval edges.
Size, 4½ in.; Opens, 1 in.; Weight, 7½ oz.
PRICE. Model A. Black 6/3

Bicycle Wrenches (Made in U.S.A.)

Fig. 3864

Size, 4½ in.; Opens, 1 $\frac{1}{16}$ in.; Weight, 6 oz.
PRICE. Black 4/3

"King Dick" Spanners. Fig. 1711



No.	0	1	2	3	
Length	3	4	6	9	in.
Takes Nuts	0/¼	0/¼	0/1¼	0/1½	„
PRICE	1/4	1/9	2/9	10/6	each

Quick-Grip Pliers Fig. 2116

A handy tool for the motorist, cyclist, engineer, plumber, gasfitter, electric-light fitter, watchmaker, and every trade where nuts are used. Self-adjusting, powerful, and convenient

Size	6	7 in.
Range of Grip	¼ to ¾	¼ to 1 „
PRICE	2/-	2/3 each

Bemis & Call's Combination Wrenches (Made in U.S.A.)

Fig. 2068

The Head, Bar, and Shank are in one piece. Combines an ordinary Nut Wrench with a Pipe Wrench. Finished Bright.

Size	For Pipes	PRICE Short Nut	Long Nut	
8 in.	⅛ to ¼ in.	8/9	9/5	each
10 „	¼ „ 1 „	9/9	10/5	„
12 „	¼ „ 1¼ „	11/10	12/6	„
15 „	¼ „ 2¼ „	15/8	16/8	„
18 „	¼ „ 3 „	28/6	30/3	„

ROSE TOOLS, INC.

Williams' Agricultural Wrenches (Made in U.S.A.)

Fig. 2067

Head and Bar drop-forged in one piece, fitted with easy acting screw and thoroughly seasoned handle.

Size ..	6	8	10	12	15	in.
Jaws open	$\frac{29}{32}$	$1\frac{5}{16}$	$1\frac{13}{16}$	$1\frac{7}{8}$	$2\frac{7}{16}$	,,
PRICE	3/6	4/2	4/11	6/3	8/4	each

Williams' Machinist's Knife Handle Wrenches (Made in U.S.A.)

The Head and Bar of this Wrench are drop-forged in one piece. Sliding Jaw is hardened to withstand severe service. Fitted with easy acting screw.

Size ..	6	8	10	12	15	18	21	in.
Jaws open	1	$1\frac{1}{4}$	$1\frac{7}{8}$	$2\frac{1}{4}$	$2\frac{13}{16}$	3	$3\frac{15}{16}$	,,
PRICE	5/3	6/3	7/8	9/9	13/3	16/8	20/2	each

Fig. 4961

Williams' Railroad Wrenches (Made in U.S.A.)

Fig. 4962

Head and Bar drop-forged in one piece from selected steel and extra heavy jaws thoroughly case-hardened. Fitted with indestructible iron handle and easy-acting screw.

Size ..	6	8	10	12	15	18	21	in.
Jaws open..	1	$1\frac{1}{4}$	$1\frac{7}{8}$	$2\frac{1}{4}$	$2\frac{13}{16}$	3	$3\frac{15}{16}$	,,
PRICE ..	5/3	6/3	7/8	9/9	13/3	16/8	20/2	each

Coe's Knife Handle Wrench (Made in U.S.A.)

Best steel and material throughout. Put together under tension. Wood handle fully screwed at both ends. Case-hardened. Black finish.

Size ..	6	8	10	12	15	18	21	in.
Capacity	$\frac{3}{4}$	$1\frac{1}{4}$	$1\frac{7}{8}$	$2\frac{1}{4}$	$2\frac{3}{4}$	3	$4\frac{1}{2}$	,,
PRICE ..	5/3	6/3	7/8	9/9	13/3	16/8	20/2	each

Also made all Steel Handles. Same prices.

Fig. 2066

Coe's Key Model Wrench (Made in U.S.A.)

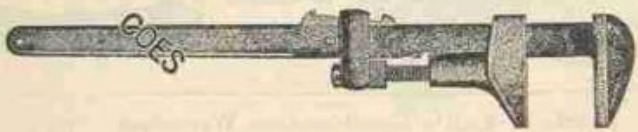


Fig. 3909

Made of heavy steel forgings, fully hardened. It is self-contained. The key cannot come off, and the two positions for jaw straps assure its going into corners without trouble.

Size, 28 in.	Opens, $5\frac{1}{4}$ in.	Weight, 19 lb.	.. .. ..	PRICE 141/8 each
,, 36 ,,	,, $6\frac{1}{4}$,,	,, 27 ,,	.. .. ..	,, 200/- ,,
,, 48 ,,	,, $9\frac{1}{4}$,,	,, 62 ,,	.. .. ..	,, 391/8 ,,

ROSE TOOLS, INC.

Clyburn Spanners (Straight)

Fig. 2073

No.	B	2	3	4	5	6	7	8	9	10	
Size	5½	6½	8½	10	12½	15	17½	20	24	26	in.
To Span	1	⅝	¾	1	1¼	1½	1¾	2	2½	2¾	,,
PRICE	6/3	6/-	7/-	*9/6	11/9	14/9	18/9	23/3	28/-	32/9	each
Parts—Slide Jaw	2/6	2/3	2/6	3/3	3/9	4/9	6/9	8/6	10/6	11/6	,,
Worm	1/3	1/2	1/3	1/8	2/-	2/3	3/8	4/3	4/3	4/3	,,
Body	5/3	4/9	5/9	7/9	9/10	12/-	14/6	18/6	22/6	28/4	,,

Clyburn Spanners (Curved)

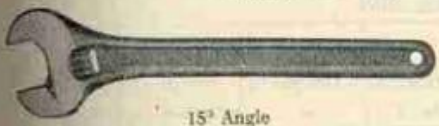
Fig. 2074 All Wrought
Fig. 2075 Forged Jaw

Size	6	8	10	12	14	15	16	18	21	24	27	30	in.
To Span	½	¾	1	1¼	1¾	1½	1⅝	1¾	2	2¼	2½	3	,,
Fig. 2074. Best Solid Wrought	8/-	9/6	11/6	13/6	15/6	17/-	18/6	25/-	30/-	33/6	48/-	65/-	each
,, 2075. Second Quality, Forged Jaws	6/-	7/-	8/6	10/6	11/6	12/6	13/6	19/-	22/6	26/-	42/-	60/-	,,

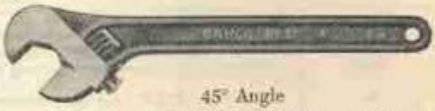
"Bahco" Adjustable Spanners (Foreign)

Fig. 7

Quickly and easily adjustable. Wearing parts interchangeable.



15° Angle



45° Angle

Size	*4	*6	8	10	12	15	18	†24	†30	in.
Span	½	¾	1	1 1/16	1 3/16	1 11/16	2 1/16	2½	3¼	,,
PRICE	2/5	2/7	3/-	3/7	4/10	7/2	10/-	16/9	25/9	each

4 in. size has square jaw opening. * 15° Angle only. † 45° Angle only.

"Bahco" Adjustable Spanners (Foreign)

Fig. 288A

Extra narrow jaws. Specially useful for motor vehicles.

Size	6	*8	12	in.
Span (Adjustable)	¾	1½	1 5/16	,,
,, (Non-Adjustable)	½	¾	1	,,
PRICE	3/2	4/1	6/-	each

* 8 in. size can be supplied hardened all over and with mottled surface, 4/6 each.

"Universal" Adjustable Ratchet Spanner

Fig. 6

Fits and Ratchets, both right and left hand, all sizes of Hexagon and Square nuts within its range.

PRICE, to open from ¼ in. to 1 1/16 in. .. 3/6 each

ROSE TOOLS, INC.

Millers Falls Hack Saw Frames (Made in U.S.A.)

Fig. 3213

Cast Iron Frame Japanned. Holds Blades to face in four directions.

No.	4A	4B	4C	4D	
Capacity	8	9	10	12	in.
Depth under back	2¼	2¼	2¼	2¼	"
PRICE	2/3	2/6	2/6	2/11	each

Fig. 3214

No. 6. Adjustable, Nickelled. Capacity, 6 to 12 in. Holds blades to face in four directions. Depth under back, 2¾ in. **PRICE** .. .. .. 8/3 each

Fig. 3215

No. 9. Adjustable, Nickelled. Capacity 8 to 12 in. Holds Blades to face in four directions. Depth under back, 2¾ in. **PRICE** .. .. .. 8/9 each

Fig. 3216

No. 10. Adjustable, Nickelled. Capacity, 8 to 12 in., marked for each length. Depth under back, 2¾ in. **PRICE** .. .. 8/3 each

Fig. 493

No. 12. "Easy Grip," Adjustable, Nickelled. Capacity, 8 to 12 in. Special Black Compo. Handles. Depth under back, 3⅛ in. **PRICE** .. 13/6 each

Fig. 3217

No.	Capacity in.	Depth in.	PRICE each
14	12	10½	18/-
14½	12	7½	16/8
*24	12	10½	11/9

* Enamelled Black

Fig. 3218

No. 15. Nickelled. Capacity 12 in. Depth under back, 5¼ in. **PRICE** .. .. .. 12/6 each

Fig. 497

No. 1723. Adjustable, All-Metal Handles, reinforced backs, Nickelled. Capacity, 8 to 12 in. **PRICE** .. .. 5/- each

No. 1237. Similar to above, but with black Composition Handle .. .. 5/- each

Fig. 4719

No. 1027. Adjustable, Nickelled. Capacity 8 to 12 in. Steel Frame. **PRICE** .. .. 7/- each

Fig. 1247

No. 1275. Adjustable, Nickelled. Capacity, 8 to 12 in. Handle, black enamelled hardwood. Depth under back, 2¼ in. **PRICE** .. .. 2/9 each

Fig. 499

No. 1100. All-Metal Frame of exceptional strength. Back one piece Solid Steel. Sherardized to prevent rust. Capacity 8 to 12 in. Depth 3½ in. **PRICE** 10/6 each

ROSE TOOLS, INC.

"Eclipse" Hack Saw Frames

Fig. 1240

No. 20T. **A Frame of tubular design, with a simplified device for swivelling the Blade.** Substantial, rigid, reliable and perfectly balanced. Adjustable 8 to 12 in. Chromium plated.

PRICE, with one 8 in. Blade .. **7/6** each

Fig. 582

No. 40P.G. **Comfortable Pistol Grip.** Graduations indicate the adjustments of the bow. Nickel plated. Adjustable 8 to 12 in.

PRICE, with one 8 in. Blade .. **5/-** each

Fig. 583

No. 30M. **Magazine Frame. A frame with a suitable blade for every job.** Five spare blades are carried in the nickel-plated bow which forms a magazine, the sixth being fitted in the frame (as illustrated).

PRICE, complete with Six Flex Blades **5/-** each

Fig. 584

No. 60B. **Oval telescopic pattern. Easy adjustment with graduated scale.** Hardwood Handle. Adjustable 8 to 12 in.

PRICE, with one 8 in. Blade .. **2/6** each

Fig. 585

A strong, rigid Frame made in four sizes.

Size ..	8	9	10	12 in.
PRICE ..	2/-	2/2	2/4	2/6 each

"Eclipse" 4 S Tool

Fig. 586

16 Tools in One Holder

This Tool is invaluable in **Electrical, Plumbing, Tool-room, Garage** and **General maintenance** work.

It consists of a well-designed nickel-plated Holder in which can be clamped any of the series of Slotting, Sawing, Scraping or Slitting Blades supplied.

Packed in neat partitioned container, size 6×1¾×1 in.

Contents

1 Plated Holder with Set Screw.
6 Double-edged Slotting Blades (2 each 23, 21 and 18 Gauge. One of the 18 Gauge Blades specially ground for Mica cutting).
5 Single-edged Sawing Blades, 23 Gauge.
2 Engineers' Scrapers (1 each half-round and flat).
1 Belting and Lead Slitting Knife.
1 Second Cut File.
1 Screwdriver Blade.

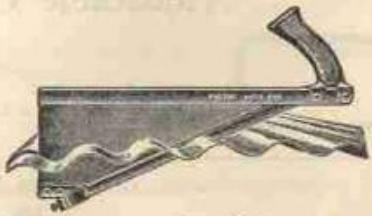
PRICE, complete, **5/-**

Replacements

Slotting and Sawing Blades ..	1/9	per doz.
Scrapers, Slitting Knives	6/-	,,
Mica Slotting Blades	6/-	,,
Files and Screwdriver Blades ..	6/-	,,

"Shetack" Saw Frames

Fig. 1246



PRICE, complete with one blade .. **5/9** each
Extra Blades, 52/6 per gross

ROSE TOOLS, INC.

Adjustable Hack Saw Frames

Fig. 1245

Adjustable from 8 to 12 in.

PRICE, complete with one 9 in. blade .. **4/6** each

Fig. 4718

Nickel Plated

Takes Blades 8 in. to 12 in., **1/8** each

"Milford Flexible Midget" Frames (Made in U.S.A.)

Fig. 3224

No. 3

No. 5

Very useful for Plumbers, Electricians and Wireless work.
Frames made from ¼ in. diameter round steel, Nickel plated. Weight 4 oz.

No. 3. Depth at Handle, 1⅞ in.
Complete with one 6 in. Blade, **12/6** per doz.

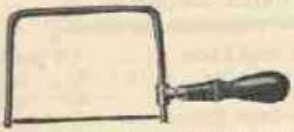
No. 5. Depth at Back, 1¼ in.
Complete with one 6 in. Blade, **17/6** per doz.

Starrett's Hack Saw Frames (Made in U.S.A.)

Fig. 3225 (No. 140), takes 8 in. saws, with one saw .. .. **6/3** each
„ **3226** („ 145), takes 8 in. to 12 in. saws, with one saw .. .. **9/9** „

Millers Falls Coping Saw Frames (Made in U.S.A.)

Fig. 4714 (M.F. No. 40)



PRICE
2/6 each

Takes 6 in. Blades with loop ends.

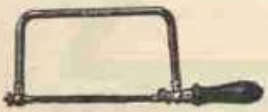
Fig. 1248 (M.F. No. 43)

PRICE
2/6 each

Takes both 6 and 6½ in. Blades. Pin pattern.

Adjustable Coping Saw Frame (Made in U.S.A.)

Fig. 4716 (M.F. No. 42)



Heavy Steel Wire Frame. Nickelled. Takes 6 in. Blades with Pinned Ends. Frame can be set to swing free without reference to the direction saw is taking, or locked rigid.

6/8 each

Millers Falls Coping Saws (Made in U.S.A.)

Fig. 4721 (Nos. 50, 60 and 65).

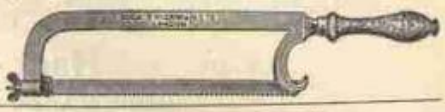
Loop End, 6 in., 5/- per gross. Pin Pattern, 6 in., **10/6** per gross ; **/11** per doz. ; 6½ in., **10/6** per gross ; **/11** per doz.

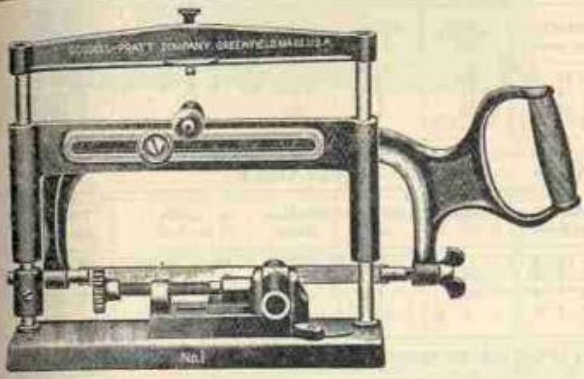
ROSE TOOLS, INC.

Lancashire Metal Bow Saw Frames

Fig. 3234

Size	3	4	5	6	7	8	9	10	11	12	14	16	18 in.
Price	4/6	6/-	7/6	9/-	10/6	12/-	13/6	15/-	16/6	18/-	21/-	24/-	27/- ea.





Goodell Bench Hack Saw (Made in U.S.A.)

Fig. 3235 (No. 1)

This machine will be found very useful in any shop where power is not available. By its use, an unskilled operator can cut metal rods or tubing rapidly and smoothly without breaking blades. The Vice attached to the bed can be set to saw at any desired angle.

Takes either 8 in. or 9 in. Blades.
Height 10½ in. Base 10½×3½ in.
Stroke 6¾ in.
Vice has 2¼ in. jaws, opening to 2 in.
Extreme capacity 2 in.×2 in.
Complete with 9 in. Blade, 41/8

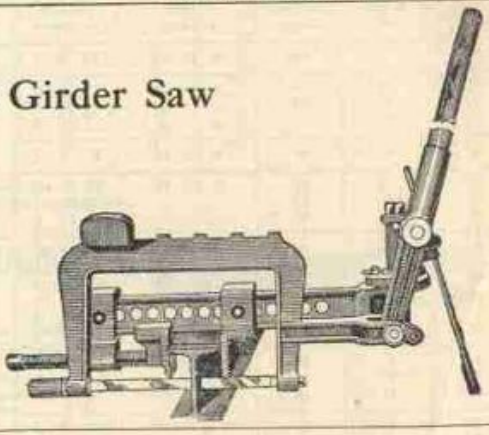
Lever Rail and Girder Saw

Fig. 4720

This Machine takes 14 in. Power Blades and makes a clean cut 9 in. at one setting. It has been designed to meet the requirements of Railway and Tramway Companies, Constructional Engineers, Colliery and Iron Works, Pipe Founders, etc.

PRICE, complete

£6 5 0 each



Napier Band Saw (Made in U.S.A.)

Highly efficient. No lost motion on back stroke as in reciprocating machines.

Capacity, 10×10 in.

Full particulars and prices on application

ROSE TOOLS, INC.

Ratchet Braces

Fig. 2035

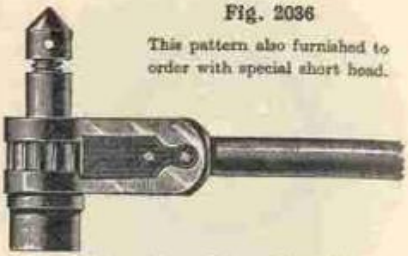
Flat Springs, 1/- each.

For Drills, see Fig. 2254/5

10 to 20 in. suitable for Drills with No. 2 M.T. Square Shank.
22 in. and upwards suitable for Drills with Square Shank 1 to $\frac{11}{16}$ in. by 2 in.

Fig. 2036

This pattern also furnished to order with special short head.



Length .. .. in.	10	12	14	16	18	20	22	24	30	36	*36
Length of Head, Fig. 2035	6	7½	8½	8½	9½	9½	10½	11½	12½	14	14
.. .. Fig. 2036	4	4½	5½	5½	6½	6½	7	7½	8	8½	8½
PRICE, Fig. 2035 and 2036 each	19/-	19/-	22/3	25/6	28/6	31/9	35/-	38/3	57/-	68/6	95/-

* Extra Heavy

Improved Ratchet Brace

Fig. 2037

Marine Pattern

This Brace is made with solid double pawls, and is very strong.

Size .. .. in.	10	12	14	16	18
PRICE each	27/6	30/-	35/-	40/-	45/-

Larger sizes supplied to order.

Force Brace

Fig. 2047

Size .. .. in.	4	5	6
PRICE .. each	15/9	16/9	18/-

Improved Differential Ratchet Braces

For Round or Square Taper Shank Drills

An interchangeable brace suitable for either of the two kinds of drills in general use. The sockets for twist drills are made to sizes named, and smaller drills can be used by means of a sleeve. The drills are ejected by screwing down the feed nut.

Fig. 2042

Size .. .. in.	12	14	16	18	20	22	24
With round hole Socket ..	31/6	34/6	38/-	42/-	47/-	51/-	55/-
.. square	32/-	35/-	39/-	43/-	48/-	52/-	56/-
.. both Sockets	35/6	38/6	43/-	47/-	53/-	57/-	61/-

Round hole sockets for 12 and 14 in. braces suit Morse Taper No. 2, and for 16 in. up, Morse Taper No. 3. 12 and 14 in. braces take drills with square shank $\frac{3}{4}$ in. × $\frac{3}{4}$ in. × 1$\frac{1}{4}$ in. long. 16 in. and up take $\frac{7}{8}$ in. × $\frac{7}{8}$ in. × 1$\frac{1}{2}$ in. long.

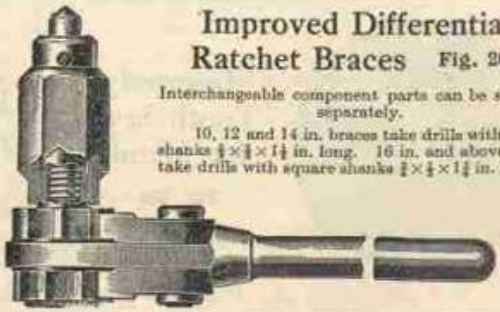
For Taper Square Shank Drills only

Size in.	Length of Head in.	PRICE each
10	6	23/-
12	6	23/-
14	6	25/-
16	7	27/-
18	7	30/-
20	7½	32/-
22	7½	37/-
24	7½	44/-

Improved Differential Ratchet Braces Fig. 2043

Interchangeable component parts can be supplied separately.

10, 12 and 14 in. braces take drills with square shanks $\frac{3}{4}$ × $\frac{3}{4}$ × 1$\frac{1}{4}$ in. long. 16 in. and above braces take drills with square shanks $\frac{7}{8}$ × $\frac{7}{8}$ × 1$\frac{1}{2}$ in. long.



ROSE TOOLS, INC.

Wrought Steel Ratchet Brace

Fig. 1731. For Boiler Plate work.

Powerful and compact for drilling in narrow spaces.

Total length, 13 in. × 4½ in. across head, screw ⅛ in. dia., 1½ in. feed. Drill hole ¾ in. square.

PRICE 31/- each

We can supply Extra Short or Stumpy Drills to suit.

Patent Ratchet Brace

Fig. 2038

This Brace is specially designed to take Morse Taper Shank Drills; it will at the same time take square shanks, the sockets being squared sufficiently after being bored to size for standard Twist Drill sockets.

The rack is screwed to socket, avoiding a key or pin. There are 20 to 30 teeth in the rack (about double the usual number).

The drill is released by screwing the nut home thus pressing the drill out by the spindle.

12 in.	for Twist Drills	¼	to	13/32	dia.	45/- each
15	„ „	„	3/8	„ 25/32	„	60/- „
18	„ „	„	13/16	„ 1½	„	70/- „
24	„ „	„	1 5/16	„ 2	„	100/- „

Morse Taper Sockets for above, see p. 62

Short Head Ratchet Brace

Designed for Motor Cars and Confined Spaces

Fig. 2045

Length 10 in.

Shortest length of Head 2½ in.

This Brace is furnished with two centres.

The square hole is adapted for **cropped** Morse Bit Stocks.

PRICE 20/- each

Drills for above, see p. 50

Improved Ratchet Brace with M.T. Sockets

Fig. 1730

Suitable for Morse Taper Shank Drills

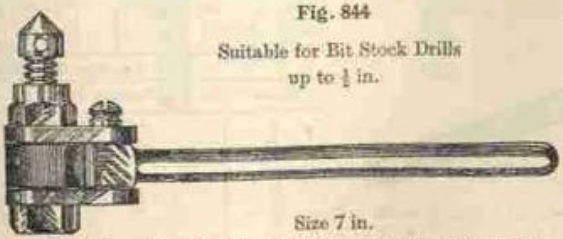
Length in.	No. of Socket	Takes Drills in.	PRICE each
12	1	¼ to 13/32	31/6
15	2	3/8 „ 25/32	39/6
18	3	13/16 „ 1½	47/6
24	4	1 5/16 „ 2	63/-

Adapter for Square Shank Drills
Size No. 1, 4/6; 2, 5/-; 3, 6/- each

Nettlefold's "Dwarf" Ratchet Brace

Fig. 844

Suitable for Bit Stock Drills up to ½ in.



Size 7 in.

Minimum length of Head 2⅜ in. Depth of Feed ¾ in.

PRICE 10/6 each

ROSE TOOLS, INC.

Pratt & Whitney Co.'s "Renshaw" Ratchet Drills. Fig. 2048 (Made in U.S.A.)

Made in two sizes—No. 1 taking drills with No. 1 Morse Taper Shank, No. 3 taking drills with either No. 1, 2 or 3 M.T. Shank. All parts are made from steel and hardened. No. 1 has one collet for drills with shank, $\frac{1}{4} \times \frac{3}{8} \times 1\frac{1}{2}$ in., and one collet for drills fitting No. 1 Morse standard taper socket. No. 3 has one collet—No. 5—for taper square shank drills with No. 1 shank, $\frac{1}{4} \times \frac{1}{4} \times 1\frac{1}{2}$ in., also collets Nos. 1, 2 and 3 for Morse standard taper shanks. Nos. 3 and 5 collets are held in spindle by screw thread. Nos. 1 and 2 collets are tapered externally to fit No. 3 collet.

Collets for Taper Square Shank Drills with No. 2 Shank, $\frac{1}{4} \times \frac{1}{4} \times 1\frac{1}{2}$ in. can be furnished to fit No. 3 Ratchet. PRICE, 7/4 each

Nos.	1	3
Length of Handle overall	9½ in.	18 in.
Depth from top Feed Screw to bottom of Collet	2½ "	5 "
Full depth of Feed	1½ "	2½ "

PRICES

No. 1 Ratchet Drill, complete, with two Collets	£2	5	10	
" 1 " " with one Collet only	1	19	2	
Spare No. 1 Collets, with Square or Taper Hole	0	6	8	each
No. 3 Ratchet Drill, complete with four Collets	3	2	6	
" 3 " " with No. 3 or No. 5 Collets only	2	6	0	
" 3 " " " Nos. 1, 2 and 3 " "	2	15	3	
Spare No. 1 or No. 2 Collets, for No. 3 Ratchet	0	4	7	each
" " 3 " 5 " " 3 "	0	7	4	"

Parts. No. 1 Size.				
No. 1 Ratchet Body	0	9	2	each
" 1 " " Nut	0	1	8	"
" 1 Feed Screw	0	8	4	"
No. 1 Feed Pin			1/3	each
" 1 Ratchet Handle			12/6	"
" 1 Pawl and Spring			1/8	"

Parts. No. 3 Size		
No. 3 Ratchet Body	12/6	each
" 3 " " Nut	2/1	"
" 3 Feed Screw	12/6	"
" 3 Extension Feed Screw	14/7	"
" 3 Feed Pin	3/3	"
" 3 Ratchet Handle	19/10	"
" 3 Pawl and Spring	2/1	"
" 3 Friction Feed Attachment	12/6	"

The Armstrong Universal Ratchet Drill. Fig. 4181 (Made in U.S.A.)

Two inches of motion at end of handle, in any direction, will drive the Drill.

Simple, Strong—no ball joints or bevel gears.

Drills 10 per cent. faster than an ordinary Ratchet.

PRICES

No.	Length in.	Feed in.	PRICE, complete, with 1 Spindle only	Extra Spindles
64	14	1½	£3 15 0	15/
65	16	1¾	4 13 9	18/9
66	18	2¼	5 12 6	22/6

Spindles Furnished

Style	Fitting Ratchet No.	Taking Drills
X	64	With No. 2 Square Taper Shank
K	64	" 2 Morse " "
X	65	" 2 Square " "
L	65	" 2 " " "
O	65	" 3 Morse " "
F	66	" 2 Square " "
N	66	" 3 Morse " "
S	66	" 4 " " "

NOTE.—When ordering be careful to specify style Spindle required. Unless otherwise specified Nos. 64 & 65 Ratchet, equipped with X Spindle, and No. 66 equipped with F Spindle, will be supplied. By means of Sleeves and Sockets, styles K, N, and S Spindles can be made to take smaller sizes of Morse Taper Shank Drills and drills with square taper shanks.

ROSE TOOLS, INC.

"Universal" Drilling Pillars

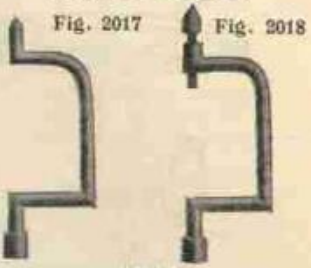
Fig. 4484

Specially designed to overcome the necessity of making the many special pillars for varied work. With the exception of the chain for pipe use, no additional parts are required to render it adaptable for any shape work.

No. 1. Upright, 1¾ in. diameter × 24 in. long. Length of arm 14 in. **57/6** each

No. 2. Upright, 1 ⅝ in. diameter × 19½ in. long. Length of arm 10 in. **46/9** each

Crank Braces



PRICES

Fig. 2017.	Without Screw	14/- ea.
,, 2018.	With Screw for Pressure ..	17/6 ,,
,, 2017A.	Light Pattern	11/- ,,

Drilling Pillars

Fig. 2040

Admiralty Pattern

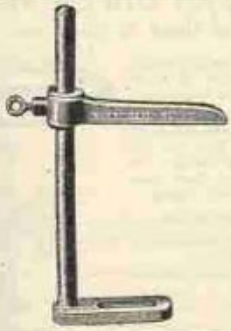
Specially adapted for use on board ships, and as used by the Admiralty.

No. 1 Pillar, 1¼ in. diam., × 21 in. high.

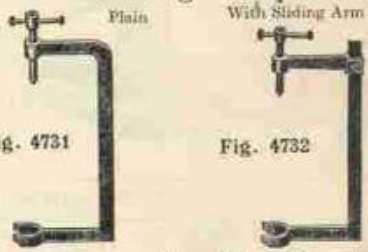
PRICE .. .. **35/-** each

No. 2 Pillar, 2 in. diam. × 32 in. high.

PRICE .. .. **70/-** each



Drilling Cramps

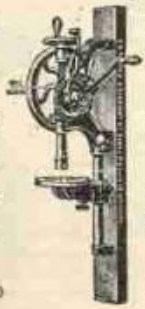


Size	20	24	28	28 in.
Plain	21/-	—	33/-	— each
With Sliding Arm	—	25/6	—	37/6 ,,

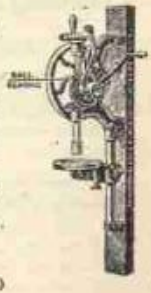
Champion Self-Feeding Post Drilling Machines (Made in U.S.A.)

Fig. 429 **Fitted with Ball Bearings.**

No. 95
Two Speeds
Capacity 0–1¼ in.
Spindle 1¼ in. diam. 3 in. traverse
Spindle to Pillar, 7¼ in.
Spindle to Table (max.) 10 in.
Height 46 in.
Weight, 115 lb.
Price £4 5 0



No. 98
Back-Geared
Capacity 0–1 in.
Spindle 1 in. diam. 3 in. traverse
Spindle to Pillar, 7 in.
Spindle to Table (max.) 10 in.
Height, 40 in.
Weight, 100 lb.
Price £3 5 0



No. 101
Capacity 0–¾ in.
Spindle ¾ in. diam. 3 in. traverse
Spindle to Pillar, 6 in.
Spindle to Table (max.) 8¾ in.
Height, 35 in.
Weight, 80 lb.
Price £2 17 6

No. 106
Single-Geared
Capacity 0–¾ in.
Spindle ¾ in. diam. 3 in. traverse
Spindle to Pillar, 6 in.
Spindle to Table (max.) 8¾ in.
Height, 31 in.
Weight, 80 lb.
Price, £1 17 6

No. 103. Back Geared. Single Speed. Capacity, 0–¾ in. Spindle ¾ in. diam. 3 in. traverse, Spindle to Pillar, 5¾ in. Spindle to Table (max.), 8¾ in. Height, 31 in. Weight 60 lbs. **PRICE £2 1 6.**

Spindles have "Never-Slip" Device and are bored to take ¼ in. shank Drills, **Fig. 2259.** Machines Nos. 95, 98, 101 and 103 can be furnished to order fitted with Fast and Loose Pulleys.

All Models except Nos. 103 and 106 have Automatic Self-Feed.

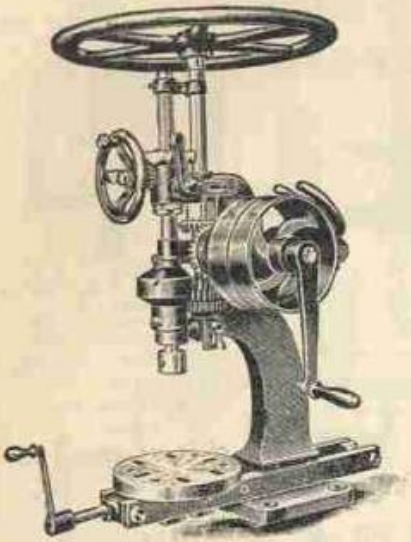
All parts are made to jigs and are interchangeable.

Nos. 95 and 98 can be supplied in British make. **Prices on application.**

ROSE TOOLS, INC.

Bench Drilling Machines Fig. 487

For Hand or Power



These machines have very strong and rigid frames.
Suitable for either hand or power. The gears are practically unbreakable.
Guard for front spur gears supplied free.
Fitted with automatic and hand feed.
Spindle is bored to take ½ in. parallel shank drills or made to customer's requirements.

No.	Drills holes up to in.	Drills centres of in.	Height Spindle to Table in.	Depth of feed in.	Total Height in.	Weight lb.	PRICE Hand	PRICE Hand & Power
A	1¼	18	8½	6	43	240	£10 0 0	£11 10 0
B	1½	19	9	6	51	336	13 10 0	15 0 0

Bench Drilling Machine

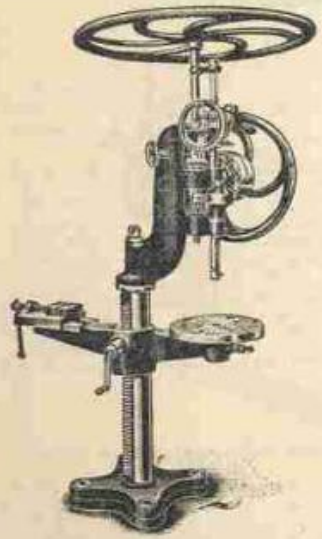
For Hand & Hand and Power Fig. 488

This Machine is specially suitable where a Morse Taper Spindle is required. Two Speeds. Automatic Feed Quick raising Gear. Table and Vice to rise and fall and revolve on Pillar. Cast Iron Gear Guard for front Gears.

Weight : 350 lb.

SPECIFICATION

Drills holes up to in.	Diam. of Drill Spindle in.	Spindle to Table in.	Diam. of Flywheel in.	Drill to Frame in.	Diam. of Table in.	PRICE Hand	PRICE Hand & Power
1¼	1¼	9	30	13½	12½	£16 0 0	£17 10 0



B Type

Vertical Drilling Machines

Fig. 625

For Hand or Power

Two Speeds
Machine-cut Spur Wheels. Quick raising Gear. Self-acting Feed.

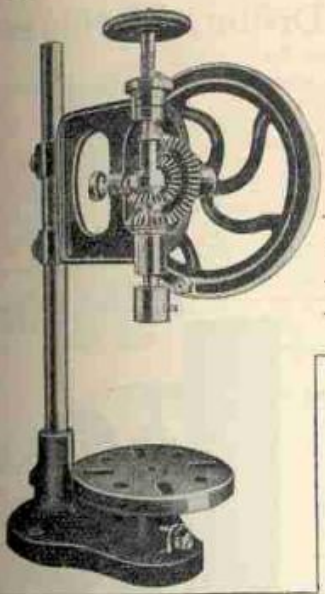
These Machines are of heavy construction. No. A Machine has a handle for **driving in place of flywheel.**

Ball thrust bearings are fitted to Spindle and Backshaft.

The Vice may be locked in any position and is fitted with hardened steel jaws. Spindles are bored Morse Taper. Cast Iron Guard for front Spur Gears is provided.

No.	Drills holes up to in.	Drills centres of in.	Vertical Feed in.	Height Spindle to Table in.	F. & L. Pulleys in.	Spindle bored Morse Taper	Total Height in.	Weight lb.	PRICE Hand	PRICE Hand & Power
A	1¼	26	5	27	8×2	No. 3	76	500	£20 0 0	£21 15 0
B	1¼	26	5	27	11×2½	No. 4	78	620	24 0 0	25 15 0

ROSE TOOLS, INC.



Bench Drilling Machine

Fig. 28

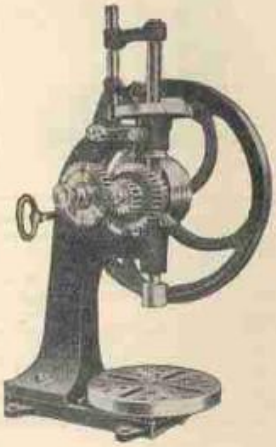
All Gears are Machine Cut from solid blanks.
Two speeds are obtained by turning the small handle in the rear of the frame.
Lower Spindle bearing is split to enable adjustment to be made for wear.
Table has a turned and polished top and is adjustable for height. Flywheel is also turned and polished.
Spindle is bored to take ½ in. parallel shank drills.

Drills Holes up to in.	Drills centre of in.	Spindle to Table in.	Depth of Feed in.	Diam. of Table in.	Approx. Weight lb.	PRICE each
½	12½	12½	2½	9½	70	£5 0 0

Supplied with 3-jaw chuck, 0–½ in.

"Duplex" Two-Speed Bench Drill

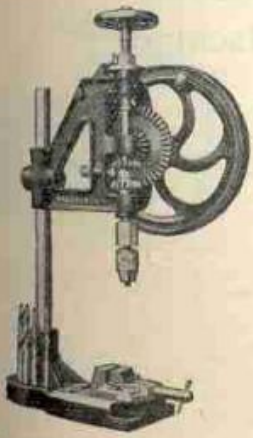
Fig. 31



Hand and variable automatic feed motion is fitted as shown.
Baseplate is slotted to enable the machine to slide forward and overhang the bench for drilling large articles on the floor.
Spindle is fitted with hardened Ball Thrust Bearing and bored to take ½ in. parallel shank drills.
Gears are protected with cast iron gear guard which covers both bevel and spur gears.

Drills Holes up to in.	Drills Centre of in.	Vertical Feed in.	Diam. of Spindle in.	Spindle to Base in.	Weight lb.	PRICE each		Extra for Hand Wheel for Raising Spindle
						Hand Power	With F. & L. Pulleys	
1¼	16	6	1¼	10½	224	£11 5 0	£12 15 0	10/-

Spindle bored to suit ½ in. parallel shanks if required.



Two-Speed Wall and Bench Drill

Fig. 30

Low gear gives sufficient speed for drilling small holes quickly and high gear enables larger holes to be drilled with ease. Gear changed by a half-turn of a small handle.

Spindle fitted with hardened Ball Thrust Bearing and bored to take ½ in. parallel shank drills.

Base-plate is of sturdy design, well ribbed and fitted with Drill Stand as shown.

Morse Taper Spindle at small extra cost.

Drills Holes up to in.	Drills Centre of in.	Depth of Feed in.	Spindle to Base in.	Weight lb.	PRICE each	Vice extra, each
½	12	2½	13	56	£2 8 0	7/6

3-jaw Self-Centring Chuck included in price.

ROSE TOOLS, INC.

Wall & Bench Drilling Machines

Fig. 711

These Machines are so constructed that they can be used either on the bench or fixed to the wall.

No.	Drills Holes up to in.	Drills Centre of in.	Vertical Feed in.	Spindle to Table in.	Total Weight lb.	PRICE complete with Chuck	PRICE Vice extra
A	½	12	2½	13	50	£2 2 0	7/6
B	1	17	4	21	160	5 10 0	20/-

Drills extra

Post Drilling Machines

Fig. 4909

Automatic feed and ball thrust, all gears machine cut. Complete with good quality varnished Back Board as illustrated.

Both Head and Table Bracket rise and fall on Pillar. Table swivels in Bracket and can be removed if desired.

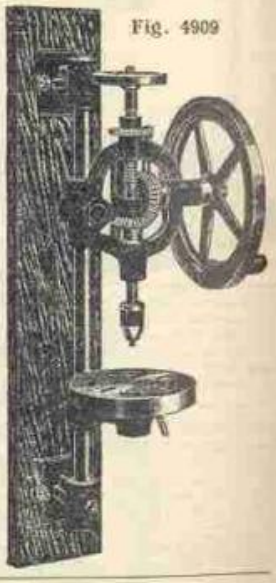


Fig. 4909

Can be supplied with Plain Spindle to take ½ in. parallel shank Drills, with Self-centring Chuck as illustrated, or bored Morse Taper.

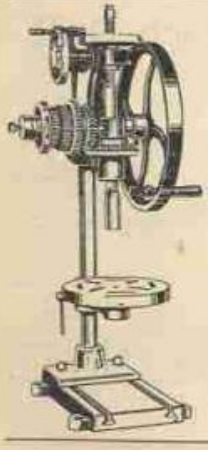
Size	Drills Holes up to in.	Depth of Feed in.	Admits in Diameter in.	Length of Pillar in.	Approx. Weight lb.
3	½	2½	11½	30	54
4	1	4	17½	42	136

Fast and Loose Pulleys can be supplied at extra cost.

Size 3. With Chuck, plain spindle or No. 1 Morse Taper Spindle for drills up to ½ in. £2 10 0

Size 4. With plain or No. 2 Morse Taper Spindle for drills up to 1 in. 5 2 0

With Chuck capacity ¾ in. .. .. extra 0 15 0



Heavy Drilling Machines

Fig. 845

These Heavy Type Hand Drilling Machines have three changes of speed and Automatic Feed to Spindle. The Automatic Feed can be released and the Spindle adjusted by Hand Wheel shown. All Driving Gears are Machine cut, the Change Speed Gears being covered by a neat cast-iron Guard. Ball Thrust Washers are fitted to Spindle which has a No. 4 Morse Taper. The Arm which carries Rising and Falling Swivel Table can be swung away when Base Plate is required for large work. When power driven, this Machine drills 2 in. diameter holes in Mild Steel.

Size	Drills holes up to in.	Depth of Feed in.	Admits in Diameter in.	Height of Pillar in.	Approx. Weight cwt.
5	2	6	20	44	3¼

Adapters for Spindle to suit No. 3 Morse Taper or ½ in. parallel shank drills, Fast and Loose Pulleys, also stand for floor machine, can be supplied at extra cost.

Machine, with No. 4 Morse Taper Spindle, for Hand only £18 2 9

ROSE TOOLS, INC.

Bench Drilling Machines

Fig. 724

Hand or Automatic Feed

For Drilling holes ¼, ½ and 1 in. diameter.

No.	Drills Holes up to in.	Drills Centre of in.	Depth of Feed in.	Diam. of Flywheel in.	Total Height in.	Weight lb.	PRICE Hand Feed	PRICE Automatic and Hand Feed
A	¼	9	2¼	13	22	42	£2 10 0	£2 15 0
B	½	12	4	18	30	104	4 10 0	4 15 0
C	1	16	4½	20	33	112	6 5 0	6 15 0

"Universal" Portable Radial Drilling Machine

Fig. 420

When applied to a round bar or pipe the loose jaw is inverted and pushed upward to tighten chain, as shown in illustration. Any suitable piece of chain can be used.

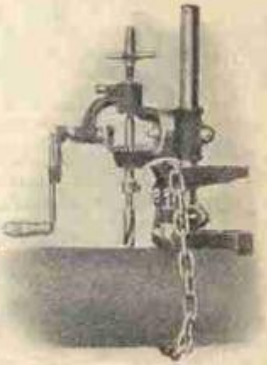
With Extension Arm and Boss fitted to machine as shown on left, it is possible to point the spindle in an unlimited number of positions.

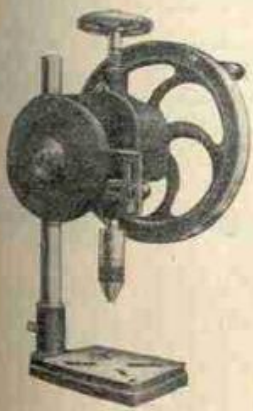
Drilling capacity, up to 1½ in. diameter.

Height of Pillar in.	Diameter of Pillar in.	Distance Pillar to Spindle in.
24	1½	5½

PRICE .. .. .. **£6 15 0 each**
Extension Arm and Boss, extra 1 15 0

A smaller type of machine can be supplied. Height of Pillar 19½ in., diam. 1½ in., distance Pillar to Spindle 4 in.
PRICE .. .. .. **£5 7 6 each**
Extension Arm and Boss, extra 1 7 6





Combined Drill and Tool Grinder

Fig. 32

All Gears are machine cut and run in completely enclosed dustproof case.

When used as Drilling Machine the Grinding Wheel acts as a flywheel.

Spindle is bored to take ¼ in. parallel shank drills. The Self-Centring Chuck has a capacity of 0–¼ in.

The Machine is built to withstand hard service and is specially suitable for Garage work.

Drills Holes up to in.	Drills Centre of in.	Depth of Feed in.	Spindle to Table in.	Weight lb.	PRICE each	Extra for Automatic Feed Motion
¼	12½	2½	12	65	£3 3 0	6/-

Price includes 3-jaw S.C. Chuck and Grinding Wheel 7 × 1 in. with 1¼ in. bore.

ROSE TOOLS, INC.

Millers Falls Bench Drills (Made in U.S.A.)

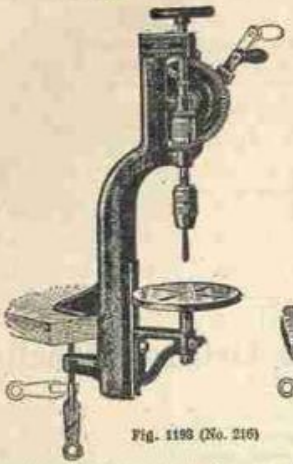


Fig. 1193 (No. 216)

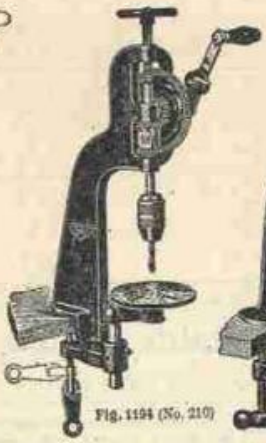


Fig. 1194 (No. 210)

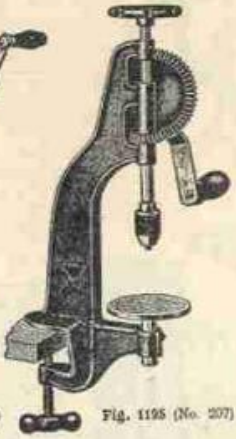


Fig. 1195 (No. 207)

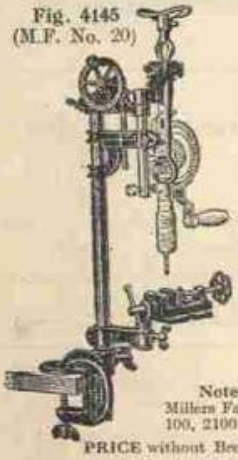
Fig. 1193 (No. 216). This Drill has two speeds, even and 3½ to 1, changed by turning knurled sleeve, Cut Gears, Steel Pinions, Ball Thrust Bearings. Crank handle extensible 3 to 6½ in. radius, 3-jaw chuck 0 to ½ in. capacity (round shanks). Table 7¼ in. diam. Cast iron frame enamelled black, large gear enamelled red, other machined parts polished. Traverse of automatic feed, 2½ in. Distance from table to chuck, 8 in. Vertical adjustment of table bracket, 5½ in., and 2½ in. adjustment of table in bracket. Height, above bench, 22 in. .. .. PRICE £5 2 9 each

,, 1194 (No. 210). A strongly built and accurate Drill with two speeds, 1¼ to 1 and 4 to 1, instantly changed by turning knurled sleeve. Steel pinions, cut gears, crank handle extensible 3 to 6 in. radius. Maximum distance from chuck to table 9 in. Chuck and finish as **Fig. 1193** .. .. PRICE £3 5 3 each

,, 1195 (No. 207). This Drill is built on simple lines and is suitable for light work. It is fitted with hand feed-wheel at top of frame. One speed ratio 3 to 1, 3-jaw chuck, capacity 0–¼ in. (round shanks), cut gears and steel pinions. Maximum distance from chuck to table, 4½ in., Frame cast iron, enamelled black, feed wheel and large gear wheel enamelled red. Chuck nickelled.
PRICE .. £1 14 6 each

Millers Falls Bench Drill Presses (Made in U.S.A.)

Fig. 4145
(M.F. No. 20)



Standard and fixtures that readily convert a breast drill into an efficient bench drill for metal drilling.

A thoroughly practical tool that makes a breast drill serve a double purpose. The drill may be swivelled into many positions and clamped at varying heights either above or below the bench.

The vice is swung on a pin off centre, and so can be used in any position or at any angle, or completely reversed and the table turned uppermost.

The drill is fed by hand wheel at top of tool.

Steel feed gears. Steel post and machined parts polished. Other metal parts japanned.

Note.—This tool can be used with Millers Falls Breast Drills Nos. 10, 12, 97 100, 2100. Height of standard, 24 ins.

PRICE without Breast Drill, **46/2** each.

Fig. 4146 (M.F. No. 21)

Similar to above but with built-in drilling attachment permanently fixed. **PRICE**, complete **65/3** each

Fig. 4147 (M.F. No. 22)

This consists of the standard and fixtures that convert a hand drill into an effective small bench drill for wood or metal.

Hand drill is easily inserted and removed. A sensitive, compound lever feeds drill into the work as desired.

Made of steel and iron japanned.

Note.—This standard will hold the following Millers Falls hand drills, Nos. 1, 2, 8, and 05.

Drills Nos. 980 and 1980 require a special clamp.

Height of standard above bench, 15½ in.

PRICE
without Hand Drill **15/11** each

Fig. 4148 (M.F. No. 23)

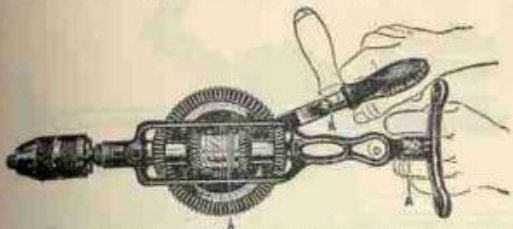
Similar to above but with built-in drilling attachment permanently fixed.

PRICE 27/6 each

ROSE TOOLS, INC.

Millers Falls Breast Drills (Made in U.S.A.)

Fig. 4913 (M.F. No. 97)



This Drill has an easily adjusted ratchet and five different actions:

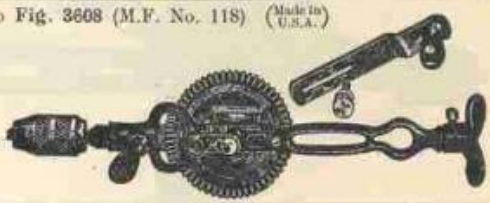
Neutral position, which gives the drill the ordinary direct drive without ratchet action.
Right hand ratchet action in which chuck stops turning on backward stroke of crank.
Left hand ratchet action.
Continuous right hand ratchet action in which chuck turns continuously to the right on both forward and backward strokes of crank.
Continuous left hand ratchet action.

Speed is instantly changeable without removing drill from work by moving knob on crank handle.

Gear ratios, even and 2¼ to 1. There is a double gear drive resulting in very steady action. All the gears have cut teeth and the small gears are of steel.

The crank handle is adjustable for use as an ordinary crank or as a straight lever for ratchet action in cramped quarters, or putting greater power into the stroke. Easily switched by a half turn of crank handle. Fitted with 3-jaw chuck, 0 to ½ in.
Hardwood handles stained, malleable iron frame black enamelled, large gear and breast plate red, other metal parts nickelled, **38/4 ea.**

Fig. 3610 (M.F. No. 12) as illustrated, also **Fig. 3608** (M.F. No. 118) (Made in U.S.A.)



The speed is changed by pressing spring and shifting large gear to alternate position. The gear ratios are even and 3 to 1. Both gears are cut, the pinion being of steel, and there is an idler roll to equalise the bearing.

An important feature of this tool is the double ball thrust bearing. There are two sets of ball bearings which render it a very free running tool and one that will be long to show signs of wear. Besides there is a take-up nut to provide for wear at the bearings.

Has an extensible crank with radius from 4 to 6 in. giving added power to the tool. The breastplate is also adjustable to different positions. The patent level attachment is a serviceable feature. Equipped with master chuck for bit-stock shanks, round shanks from ¼–¼ in. and No. 1 Morse Taper Shanks.

Stained hardwood handles; large gear enamelled red, breast plate and malleable iron main stock enamelled black; chuck and crank nickelled.

PRICE. **Fig. 3610** (as illustrated) **20/6** each.
" **Fig. 3608**; similar to above except being equipped with a 3-jaw chuck for straight shank drills, 0 to ½ in. **20/6** each.

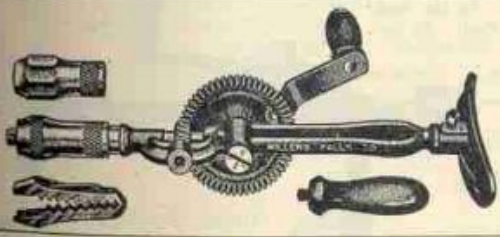


Fig. 6274 (M.F. No. 112) (Made in U.S.A.)

An ideal drill for general purposes, having single speed, chuck for bit-stock shanks, cut gears, small gear steel, adjustable breast plate. Hardened steel washer as thrust bearing. Malleable iron frame, enamelled black, large gear red.

PRICE 10/5 each

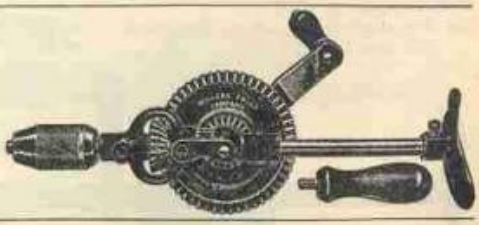
Octagon Shell 2/1 extra

Fig. 846 (M.F. No. 120) (Made in U.S.A.)

A low-priced drill for those whose work does not require the refinements of the higher-priced tools.

Two speeds—even and 3 to 1, 3-jaw chuck with capacity 0–¼ in. Adjustable breast plate, cut gears, pinion of steel and frame of rolled steel and cast iron.

PRICE 12/9 each



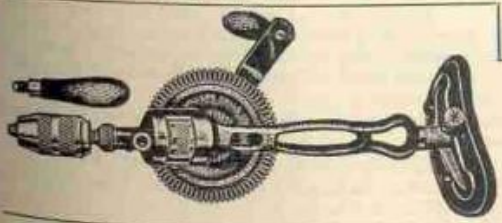


Fig. 6272 (M.F. No. 2100) (Made in U.S.A.)

A high-class tool in every way, having two speeds, even and 3 to 1, changed by slightly rotating knurled ring. 3-jaw chuck, capacity 0–¼ in. Malleable iron frame, nickel plated fittings.

PRICE 18/3 each

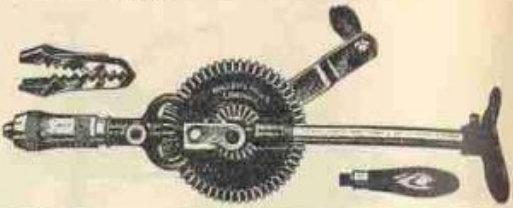
ROSE TOOLS, INC.

Breast Drills

Fig. 4911 (M.F. No. 19) (Made in U.S.A.)

Speed is changeable without withdrawing drill from work. By a simple spring release large gear can be shifted. Gear ratio even and 3 to 1. Pinion is of steel and both gears cut. Ball thrust bearing is an important feature as it adds much to the life of the tool and makes operation easier. Breast plate is adjustable and crank extensible from 4 to 7 in. giving added power. Barber chuck for bitstock shanks only.

17/6 each



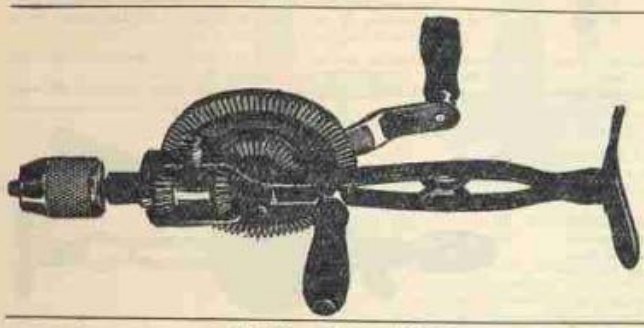


Fig. 4139 (Goodell No. 6) (Made in U.S.A.)

This Drill has special provision made to prevent wear on the spindle. The frame is malleable iron, black enamelled. Handles of polished hardwood. All gears are machine cut and pinions are steel.

Two speeds changed by turning the Shifter Knob marked "Fast" and "Slow."

Fitted with 3-Jaw Chuck for holding drills from 0 to $\frac{1}{4}$ in.

PRICE 23/ each

"Yankee" Breast Drills (Made in U.S.A.)

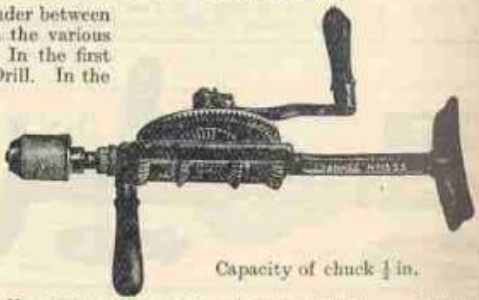
Fig. 3801 **With Right and Left-hand continuous ratchet movement**

The peculiar feature of this tool is the shifter on cylinder between the small gears. The mere movement of this shifter in the various notches causes the tool to perform different movements. In the first notch nearest the chuck it is an ordinary or plain Breast Drill. In the second notch it becomes a left-hand ratchet.

In the third notch it becomes a right-hand ratchet. In the fourth notch the chuck continues to revolve to the right, no matter which way the handle is turned.

In the fifth or lowest notch, the spindle is locked tight so that the drill chuck can be rapidly opened or closed.

The adjustable ball bearings in spindle take up all the strain or thrust and relieve all other parts of the tool. Any lost motion can be readily taken up by the adjustment provided on same.



Capacity of chuck $\frac{1}{4}$ in.

No. 550, single speed, with 2-jaw chuck	39/2 each	No. 1550, single speed, with 3-jaw chuck	39/2 each
„ 555, double „ „ „ „	46/8 „	„ 1555, double „ „ „ „	46/8 „

Fig. 4359

"Roebuck" Breast Drills

These Machines represent the most improved pattern of Sensitive Hand Drills.

Their variety of work is such that they replace power drilling machines within the same range of boring capacity. They are made with the utmost precision, and allow the use of drills of smallest diameter without fear of breaking.

The casing, breast piece, and crank consist of malleable iron, the gearing of phosphor bronze and steel; the screws and shafts are also of steel, and have ball bearings.

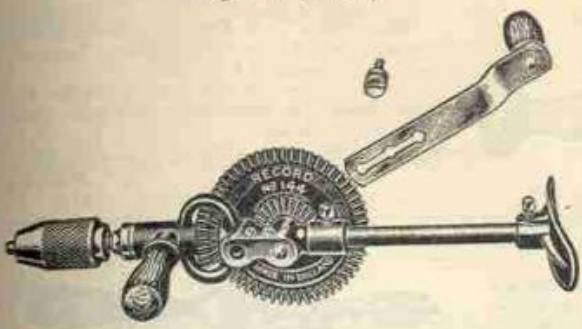
The gearing is protected from dust. Each machine is fitted with a 3-jaw centre-chuck.

No. 1 has two speeds and will drill up to $\frac{3}{16}$ in. diam., fitted with 3-jaw Chuck and No. 1 Morse Taper Socket. Length overall about 19 in. **PRICE, 29/6** each

ROSE TOOLS, INC.

"Record" Breast Drills

Fig. 373 (No. 144)



Specification

Chuck. 3-Jaw all-steel chuck with hardened jaws and protected springs. Nickel-plated finish.

Speed. Two. Press plunger for quick change.

Gears. Machine-cut throughout. Steel pinion.

Body. Cast iron body. Steel shank. Ball-thrust bearing. Adjustable breast plate.

Handles. Stained hardwood. The crank handle is extensible from 4 to 6 in. radius.

Capacity 0–½ in. round shanks.
Length 17 in. Weight 5¾ lb.
PRICE .. **15/-** each

As above but fitted with Master 2-Jaw Chuck
PRICE .. **16/6** each

Specification No. 146 (as illustrated).

Chuck. Master 2-Jaw. Nickel-plated finish.

Speed. Two. Press plunger for quick change.

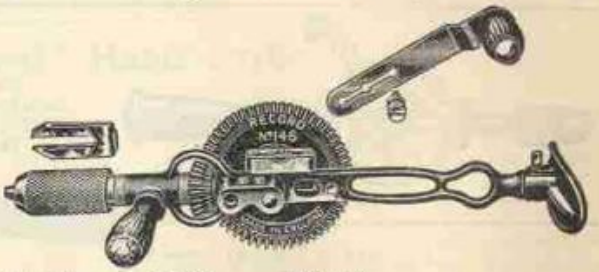
Gears. Machine-cut throughout. Steel pinion. Idler roll to equalize bearing.

Body. Malleable iron body. Annular ball-bearing spindle. Ball-thrust bearing Adjustable breast plate. Spirit level attached.

Handles. Solid hardwood. The crank handle is extensible from 4 to 6 in. radius.

Capacity ⅛–½ in. round shanks, bit stock shanks and No. 1 Morse taper shanks.
Length 18 in. Weight 6 lb. **PRICE** .. **22/6** each

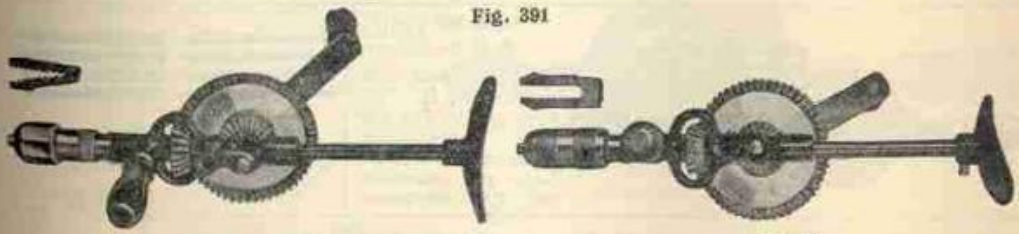
Fig. 374 (Nos. 145 and 146)



No. 145. As above but fitted with 3-Jaw chuck. Capacity 0 to ½ in. round shanks .. **PRICE 21/-** each

Chapman Breast Drills

Fig. 391



No. 97 No. 98

Made in three types. All black parts have two coats hard stove-enamel finish. Gear wheel, orange enamel and Cadmium plated, other bright parts are chromium plated. The whole is definitely rust proof. Handles are of Teak and Cellulose polished. Two speed gear change. Hardened ball thrust.

No. 99 has concealed chuck springs.

No. 97	Alligator Jaw Type	PRICE	12/- each
„ 98	Master Chuck Type, cap. 0–½ in.	„	15/- „
„ 99	3-Jaw Chuck Type, cap. 0–½ in.	„	12/6 „

ROSE TOOLS, INC.

Millers Falls Hand Drills (Made in U.S.A.)

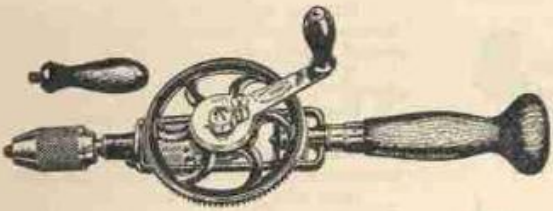


Fig. 6275 (M.F. No. 1980)
Fig. 6276 (M.F. No. 980)

Two speeds, 1½ to 1 and 4 to 1, changed by rotating knurled sleeve on spindle. Three-jaw chuck with capacity 0–⅜ in.

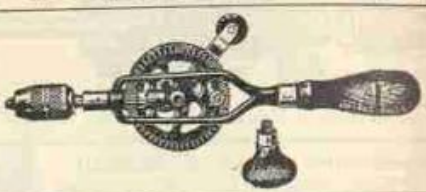
Steel pinions and cut gears, malleable iron frame, enamelled black, large gear red. Other metal parts nickelled.

PRICE. No. 1980 with ratchet operating left or right .. .. .. 26/3 each
" No. 980 without ratchet 21/8 "

Fig. 3616 (M.F. No. 1) (Made in U.S.A.)

The main handle of this drill is hollow with screw cap and accommodates drill points up to the capacity of the chuck. Cut gears and three-jaw chuck to hold drills up to ⅜ in.

PRICE 10/6 each, including eight drill points.



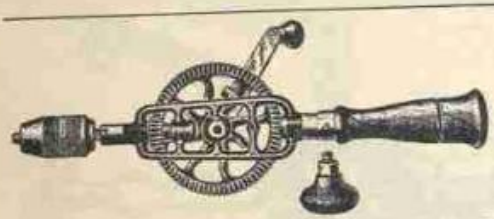


Fig. 3615 (M.F. No. 2) (Made in U.S.A.)

This drill has black enamelled frame and other metal parts nickelled, it is fitted with a three-jaw chuck holding drill points 0–⅜ in.

The handle is hollow and contains eight fluted points.

PRICE 18/9 each

Fig. 3613 (M.F. No. 5) (Made in U.S.A.)

The main handle of this drill is hollow with screw cap and accommodates drill points up to the capacity of the chuck. Cut gears and three-jaw chuck to hold drills up to ⅜ in.

PRICE including eight drill points **13/9** complete

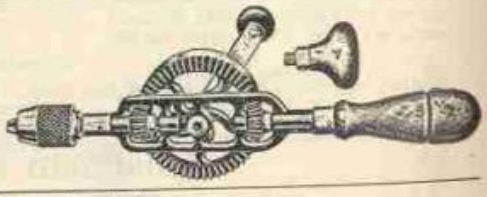


Fig. 847 (Made in U.S.A.)
(M.F. No. 77)

Three-jaw chuck with capacity 0–¼ in. Steel pinion and cut gears. Malleable iron frame enamelled black. Large gear enamelled red. **PRICE 5/6** each

Hand Drill Points (Made in U.S.A.)

for use on wood and soft metals only

PRICE .. 1/3 per set

Goodell-Pratt Hand Drill (Made in U.S.A.)

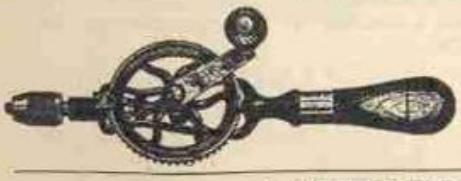
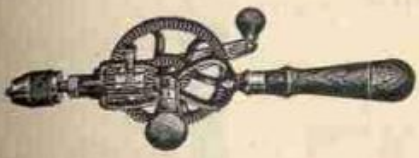


Fig. 3618 (G.-P. No. 4½)

This drill has a polished rosewood handle with screw cap for accommodating drills. All teeth are machine cut. It is fitted with a three-jaw chuck for holding drill points 0 to $\frac{5}{32}$ diam.

PRICE 10/6 each, with eight drill points $\frac{1}{16}$ to $\frac{1}{4}\frac{1}{4}$ in.

ROSE TOOLS, INC.



Goodell-Pratt Hand Drill (Made in U.S.A.)

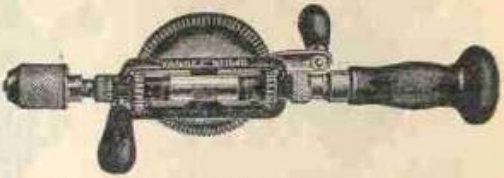
Fig. 4915 No. 5½
„ 4916 „ 5½B

This drill has two speeds and is fitted with 3-jaw chuck for holding drills from 0 to ⅜ in.

PRICE, No. 5½ (with hollow handle) .. .. 18/9 each
„ „ 5½B (with solid handle) .. .. 18/9 „

"Yankee" Hand Drill (Made in U.S.A.)

Fig. 3802 (No. 1540)

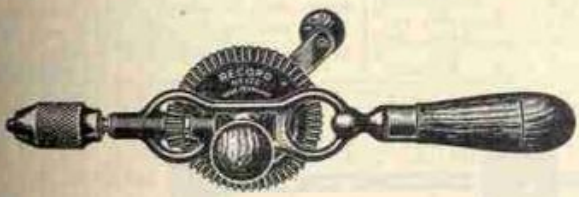


With right and left-hand and continuous ratchet motion.

No. 1545	Double speed, has 3-jaw chuck and will hold round shank drills up to ⅜ in. diam. Handle has magazine for drills. Large gear 4½ in. diam. Small gear 1½ in. diam. ..	PRICE	40/5 each
„ 545	Double speed, similar to No. 1545, except that it has a 2-jaw chuck	„	40/5 „
„ 1540	Single speed, similar to No. 1545, except that it has only one speed (illustrated) ..	„	33/4 „
„ 540	Single speed, similar to No. 545, except that it has only one speed	„	33/4 „

"Record" Hand Drills

Fig. 375



No. 122 Having 3-Jaw chuck with hardened jaws and protected springs. Single speed. Ball-thrust bearing. Machine-cut gears. Solid hardwood handle. Malleable iron frame. Capacity 0 to ¼ in. Length 12½ in. PRICE complete, 7/6

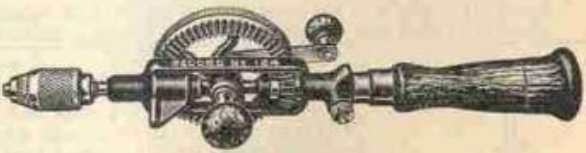
„ 123 As above, but with hollow hardwood handle and idler pinion. Length 14½ in.

PRICE, 8/9; with 7 drills, 10/9

Fig. 376

No. 124 Has 3-Jaw chuck with hardened jaws and protected springs. Single speed. Ball thrust bearings. Machine cut gears. Large gear with wide knurled rim. Hollow hardwood handle. Malleable iron frame with gripping lug. Knobs made of Bakelite. Capacity 0 to ¼ in. Length 14½ in.

PRICE 11/6 each



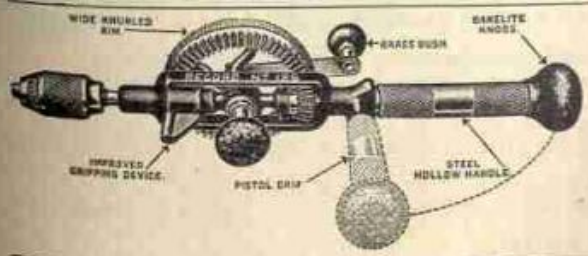


Fig. 377

Similar to Fig. 376 above, but has a nickel-plated hollow steel handle with Bakelite knob. Length 13¾ in. Capacity 0 to ¼ in.

PRICE, as shown .. .. 13/- each
„ „ with 7 twist drills 15/- „

ROSE TOOLS, INC.

Chapman Hand Drills Fig. 378

No. 104

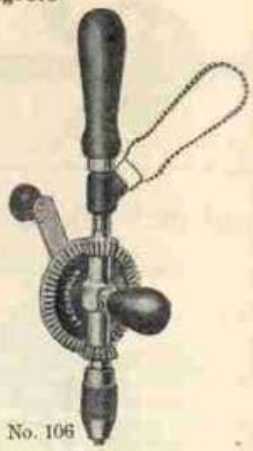
Single pinion, malleable iron frame, capacity 0–¼ in. Chuck has hardened jaws and pad with concealed springs. Steel parts bright finish, all other parts two coats stoved black and red enamel.

PRICE .. .. 5/6 each

No. 105

Double pinion, malleable iron frame, capacity 0–¼ in. Chuck has hardened jaws and pad, with concealed springs. Steel parts nickel-plated, all other parts two coats stoved black and red enamel.

PRICE .. .. 7/ each



No. 106

Double pinion, frame turned from the solid, hardened pinions, capacity 0–¼ in. Chuck has hardened jaws and pads, with concealed springs. Bright parts chromium and cadmium plated, all other parts two coats stoved black and red enamel. Two positions of handle.

PRICE .. .. 8/ each

Reciprocating Drill (Made in U.S.A.)

Fig. 4921

(G.-P. No. 0)

The mechanism of this drill causes Chuck to revolve to the right when travelling handle is moved forward or backward. It can be used for drilling either wood or metal. The head is polished hardwood with heavy steel quill running on ball bearings. Travelling handle is polished hardwood and contains flanges and hard bronze nuts which constitute driving mechanism.

Spiral is polished steel 12¼ in. long accurately cut to 20° slant.

Chuck is all steel with three hardened jaws for holding drills 0 to ¼ in. diam. **PRICE 10/6 each**

Chain Drills (Made in U.S.A.)

Fig. 4142 (M.F. Nos. 717, 718, 719)

No. 717

This is an auxiliary tool for use with a breast drill or bit brace in metal drilling where the power desired to feed the drill is greater than the workman can give. It is particularly adapted for drilling rails, girders, columns, pipes, etc.

In operation the drill is fed into the work by hand or automatically by means of an adjustable friction feed. The speed of the feed is automatically regulated by the resistance the drill encounters.

These drills are fitted with a ball thrust bearing.

No. 717. Has socket hole for drills with ¼ in. round shanks which are held fast by a square head set screw.

Length of main spindle, 8¼ in. **PRICE 14/6 each**

No. 718. Master Chuck holds bitstock shanks, round shanks from ¼ to ½ in., and No. 1 Morse Taper shanks.

Length with Chuck inserted, 11½ in. **PRICE 21/8 each**

No. 719. Equipped with a Millers Falls Three-jaw Chuck for holding round shanks up to ½ in. diameter.

Length with Chuck inserted, 11¾ in. **PRICE 23/ each**

ROSE TOOLS, INC.

Bolt Croppers (Made in U.S.A.)

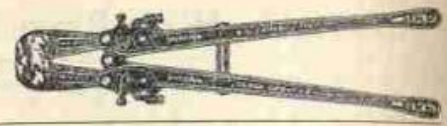
Fig. 990

Adjustment of the jaws is provided for by the simple turn of a screw. All parts are interchangeable.

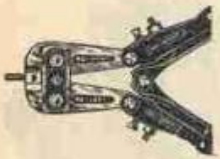
No.	Capacity		Length in.	Approx. Weight lb.	PRICE each	Extra Jaws per pair
	Bolts in.	Rivets in.				
10-OK	⅜	⅛	10	1¼	11/6	8/-
14-OK	½	⅜	14	2	12/6	7/-
0-NE	⅝	½	18	3¼	16/6	8/6
1-NE	¾	⅝	24	5¼	21/-	10/6
2-NE	⅞	¾	30	8½	29/6	14/6
3-NE	1	⅞	36	12¼	37/6	19/6
4-AR	1¼	1	42	17¾	50/-	22/6

End Cutting Bolt Clippers Fig. 990E (Made in U.S.A.)

Size in.	Capacity		Length in.	PRICE each	Extra Jaws per pair
	Bolts in.	Rivets in.			
14	½	⅜	14	15/6	10/-
24	¾	⅝	24	25/-	14/6



Nut Splitters Fig. 990S With side cut jaws. Handles similar to Fig. 990. (Made in U.S.A.)



No.	To Split Nut		Approx. length in.	Approx. weight lb.	PRICE each	Extra Jaws per pair
	Standard in.	Adjustable to in.				
14 SS	¼	⅛ & ¼	14	2½	17/9	12/-
0 ,,	⅜	¼ ,, ⅜	18	3½	22/-	15/-
1 ,,	½	⅜ ,, ½	24	5	26/-	16/6
2 ,,	⅝	½ ,, ⅝	30	8½	35/6	21/6
3 ,,	¾	⅝ ,, ¾	36	12½	44/-	26/-
4 ,,	¾	¾ ,, ¾	42	17½	64/6	34/-

Electric Wire Cutters (Made in U.S.A.)

Fig. 255. (Not insulated). **Fig. 255 I.** (With Insulated Handles).

Adjustment for wear is provided for by adjusting sections.

Number		Capacity		Average Opening Jaws in.	Approx. Length in.	Approx. weight		PRICE, each		Extra Jaws, per pair	
Fig. 255	Fig. 255 I	Bolts in.	Rivets in.			Fig. 255 lb.	Fig. 255 I lb.	Fig. 255	Fig. 255 I	Fig. 255	Fig. 255 I
—	0-WC	⅜	⅛	⅛	18	—	3¼	—	27/-	—	8/6
1-X	1 ,,	½	⅜	¼	24	5	5½	24/-	34/6	11/6	11/6
2 ,,	2 ,,	⅝	½	½	30	7½	8½	31/3	45/-	13/9	13/9
3 ,,	3 ,,	¾	⅝	1	36	12½	13½	40/6	58/-	21/-	21/-

Compact Bolt Cutter & Nut Splitter (Made in U.S.A.)

Fig. 825

Angular Cutter Type

This tool combines small size, great power, and ease of operation; it can be used in awkward corners and positions. Made in two styles as illustrated. It measures only 7½ in. long, but will cut a ½ in. bolt in the thread or a ⅜ in. diam. rod.

Although designed for the automotive trade, it can be used for many other purposes. Construction consists of a pair of cutting jaws actuated by a transverse power screw, turned by a ratchet wrench applied to the ½ in. squared section at either end of screw.

PRICE, either end cut or angular cut style .. .. **£1 7 0** each

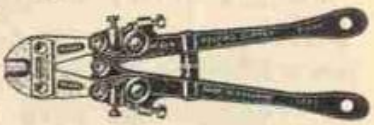
Hypowa Shear Cutters can also be supplied. **Prices on application.**

End Cutter Type

ROSE TOOLS, INC.

"Record" Bolt Cutters & Nut Splitters Fig. 827

Style Nos. 600-603



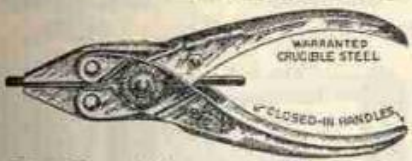
Style Nos. 610 and 614

These British made tools are of standard American design and all parts are identical and interchangeable with the Bolt Cutters, **Fig. 990**, shown on previous page.

Jaws are of special tool steel and like the top and bottom straps are precision ground all over. Clipper cut jaws are standard and will always be supplied unless otherwise specified. Centre cut jaws and chain cutter jaws can be supplied. Nut splitter jaws are for removing nuts from bolts and when in operation the tool is in line with the bolt.

No. of Bolt Cutter	Length in.	Cuts Bolts in.	Cuts Soft Steel Rod in.	Weight Approx. lb.	PRICE each	Extra Jaws per pair	No. of Nut Splitter	Splits Nuts in.	PRICE each	Extra Jaws per pair
600	18	5/16	1/4	3½	16/6	8/6	600 SNS	5/8	22/-	15/-
601	24	3/8	5/16	5½	21/-	10/6	601 SNS	3/4	26/-	16/6
602	30	7/16	3/8	8½	29/6	14/6	602 SNS	7/8	35/6	21/6
603	36	1/2	7/16	12½	37/6	18/6	603 SNS	1	44/3	26/6
604	42	9/16	1/2	19	50/-	23/6	604 SNS	1¼	64/6	34/-
610	10	5/16	1/4	1½	11/6	6/-	614 SNS	1/2	18/-	12/-
614	14	1/2	7/16	2½	12/6	7/-				

Bernard's Patent Pliers (Made in U.S.A.)



Flat-Nose Pliers Fig. 2145 (No. 100)

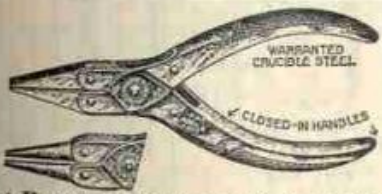
Open Throat, Parallel Jaws, Closed-in Handles, Full Nickel-Plated.

Size	4½	5½	6½	8 in.
PRICE	3/3	4/-	5/-	6/6 each

Round-Nose Pliers

Fig. 2146 (No. 101)

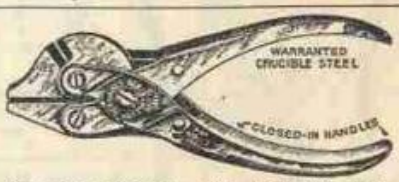
Size 6½ in. .. .. PRICE 5/- each



Light Pattern Flat-Nose & Round-Nose Pliers

Fig. 2147 (No. 103) Flat Nose
Fig. 2148 (No. 104) Round Nose

Fig. 2147. Size 5 in. .. .. .. PRICE 4/- each
" 2148. " " .. .. .. " 4/- "



Cutting Pliers Fig. 2149 (No. 102)

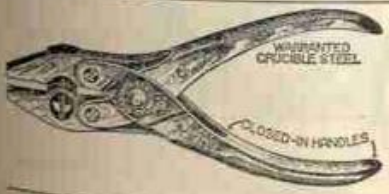
Size	4½	5½	6½	8 in.
PRICE	5/3	5/9	7/6	9/6 each

Light Pattern Cutting Pliers

Same pattern as Fig. 2149

Fig. 2150 (No. 105)

Size 5 in. .. .. PRICE 6/6 each ..



Belt Punch and Pliers

Fig. 3889 (No. 115)

For cutting and piercing round leather belting in one operation.

5 in. for ¼ in. belt, 6 in. for ⅜ in. belt.

Size	5	6 in.
PRICE	6/6	7/3 each

ROSE TOOLS, INC.

Best Quality Genuine "Lancashire" Cutting Pliers

Bell Hangers' Cutting Pliers

Fig. 2117

Taper Nose

Size up to in.	PRICE each
4½	3/4
5	3/4
5½	3/4
6	3/9
6½	4/9
7	6/-
8	8/-
9	11/-
10	13/-

Fig. 2118

Flat Nose same prices

Diagonal Cutting Pliers

Fig. 115

Size up to in.	PRICE each
5	4/-
5½	4/3
6	4/6
6½	6/-
7	8/-
8	9/9

Wide-Hole Telegraph Cutting Pliers

Fig. 2120

Fig. 2121 Taper Nose same price

Flat Nose

Size up to in.	PRICE each
5	3/9
5½	3/9
6	4/-
6½	5/-
7	6/6
8	8/6

"Thunderbolt" Insulated Cutting Pliers

Pure Rubber Covered Handles

Fig. 2134B

With Burner Hole

Size in.	PRICE each
6	3/-
7	3/6
8	4/-

Fig. 2134F

(Foreign)

Ebonite Covered Handles

Size in.	PRICE each
6	1/6
7	1/9
8	2/-

Electricians' Pliers Solid Steel

Fig. 3868

Without Burner Hole

Size in.	PRICE each
5	1/5
6	1/9
7	2/3
8	2/9

Fig. 3869

With Half-round Nose, same prices

Fig. 3870

With Burner Hole as illustrated same prices

Flat Nose Pliers Round Nose Pliers

Fig. 2124

Flat Nose

Size up to in.	PRICE each
4½	2/-
5	2/-
5½	2/5
6	3/-
6½	4/-
7	4/9
8	6/9
9	9/4
10	12/2

Fig. 2125

Round Nose same prices

Linesman's Pliers

Fig. 116

Heavy Pattern Shaped reins

Size 8½ in.

PRICE 4/- each

Fig. 116B

Bright with Knurled handles

Size in.	PRICE each
6	2/6
7	3/-
8	3/9

Combination Pliers

Fig. 828

Burner hole and cutting Jaws

Turnscrew and Rimer ends to handles

Size in.	PRICE each
5	1/5
6	1/9
7	2/3
8	2/9
9	4/3
10	6/-

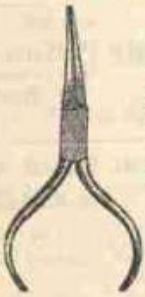
Snipe Nose or Linking-up Pliers

Fig. 1744

Size in.	PRICE each
4½	2/-
5	2/-
5½	2/5
6	3/-
6½	4/-
7	4/9
8	6/9

Pendulum Pliers

Fig. 2127



Size up to in.	PRICE each
4½	2/-
5	2/-
5½	2/5
6	3/-

Milliners' Pliers

Fig. 1743

Size 4½ in.

PRICE 1/8 ea.

Size 5 in.

PRICE 2/3 ea.

Furriers' Pliers

Fig. 4986

Width of Nose ¼, ½, ¾, 1 in.

Length 9 in.

PRICE 5/- each

Weavers' Pliers, Stockinger Pliers, Warp Pliers, &c. Prices on application.

2, WHITECHAPEL ROAD, LONDON, E. 1.

ROSE TOOLS, INC.

Best Lancashire Cutting Nippers

Fig. 2131

Size in.	PRICE each
4	3/9
4½	3/9
5	3/9
5½	4/3
6	5/3
6½	6/-
7	7/-
8	9/-

Side Cutting Nippers
Fig. 2132
Same Price

"Manchester" Cutting Nippers

Fig. 2133

Size in.	PRICE each
6	6/4
7	6/9
8	7/4
9	8/6
10	9/5
11	10/-
12	11/6
14	15/-
16	19/2
18	23/4

8 in. cuts No. 8
10 in. cuts No. 7
12 in. cuts No. 5
Iron Wire

Barb Wire Cutter

Fig. 2140

Length 8 in.

PRICE 5/- each

Wire Nippers (Patented)

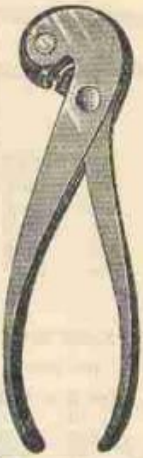


Fig. 2138

Length 8 in.

PRICE 6/- each

Very powerful

Will cut ¼ in. Wire

"E-Z" Wire Stripper

Fig. 9619

A tool of special interest to Electricians

This stripper requires no setting and is always ready for use. Its triplicate action of clamping the wire, cutting the insulation and stripping is automatically timed and performed with one squeeze on the handles. When the pressure is released, the handles open, re-setting the stripper for the next snip.

The cutting edges are shielded and the blind centres of the V notches on the blades prevent cutting or searring of the wire.

No. 1 for wire of Nos. 22, 20, 18, 16, 15, 14, 12 gauge.
No. 2 for wire of Nos. 18, 16, 15, 14, 12, 10 gauge.

Overall length 7½ in.

PRICE 12/- each

Netting Nippers

Fig. 829

Bright Face Cutting Jaws

Fitted with Strong Volute Spring

Size 6 in.

PRICE 1/8 ea.

Folding Barb Wire Cutter

Fig. 1747

The most powerful Barb Wire Cutter made. It is made in one size only, 13 in. long, weight 2 lb. Will cut all sizes up to ⅜ in.

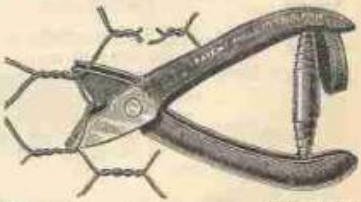
PRICE 10/- each

Open

Closed

Wire Netting Cutter Fig. 2144

Cuts one strand at a time, and being bell-mouthed, it is almost impossible to miss the wire to be cut. Fitted with spring, which keeps it open ready for cutting; when closed, it is secured by a strap. Cuts at right angles to the netting keeping the hands away from sharp wire ends.



5½ in. (pocket size), weight 5 oz. .. .. 20/- per doz.
7½ in. (heavier), handles like Fig. 2143, weight 13 oz. .. 42/- ,,

ROSE TOOLS, INC.

Carew's Nippers
(Made in U.S.A.)

With Adjustable Jaws

Fig. 3633

Size in.	PRICE each
8	16/3
10	18/-
12	20/8
14	25/-

Extra Jaws per pair

For 8 in., 4/9
„ 10 „ 5/-
„ 12 „ 5/5
„ 14 „ 5/8

Cutting Nippers
(Foreign)

For Hard Steel Wire

Fig. 2141

Size in.	PRICE each
5	3/-
6	3/6
7	4/-
8	4/6

Cutting Nippers
(Foreign)

For Hard Steel Wire

(Toggle Jointed)

Fig. 2142

Size in.	PRICE each
6	6/3
7	7/-
8	7/9

Telegraph and Fencing Wire Pliers

Fig. 3973

Solid Wrought Steel

Size in.	PRICE each
8	2/10
10	3/2
12	3/10

Starrett's Adjustable Jaw Cutting Nippers (Made in U.S.A.)

Fig. 3630

(No. 1)

Jaws detachable and adjustable.

5½ in. open to ⅛ in.
7 in. open to 5/32 in.

For Bicycle use, specially formed jaws also furnished.

PRICE each

5½ in. M (for music wire) .. 23/-
5½ „ C (for common use) .. 23/-
5½ „ B (for bicycle use) .. 23/-
7 „ either M, C, or B .. 29/6

Extra Jaws either M, C, or B, which should be designated as above, per pair 4/-

Unless otherwise ordered, Nippers with M jaws will be sent.

Starrett's Tile Cutting Nippers
(Made in U.S.A.)

Fig. 3631 (No. 235)

Same as **Fig. 3630** except frames are cut out to allow jaws to be adjusted for wide opening as shown, thus fitting them to be used in cutting tile. Jaws can be replaced when necessary.

Sizes and Prices

5½ in. .. 17/9 each
7 „ .. 22/9 „

Bernard's End Cutting Nippers
(Made in U.S.A.)

Fig. 3890 (No. 125)

Size	6	7 in.
Cuts Wire	⅛	5/32 „
PRICE	8/3	9/9 each

ROSE TOOLS, INC.

Gas Pliers

Fig. 2095

Size	6	7	8	9	10	12	14 in.
PRICE	2/3	2/6	3/3	3/9	4/3	5/6	6/6 each

Combination Gas Pliers

Fig. 2096

Size	6	7	8	9	10 in.
PRICE	1/8	2/-	2/4	4/-	4/9 each

Fig. 2153

Burner Pliers

Fig. 2153.	2 Holes, 5 in.,	Black	3/4 each
		Bright	4/- ,,
Fig. 2154.	1 hole, 5 in.,	Black	3/7 ,,
		Bright	4/2 ,,

Patent Steel Pliers

Combination or Household Pliers

For Amateurs and Cyclists. A Workman's Strong Tool.
A, Wire Cutter; B, Straight and Cross Wire Grip; C, Gas Burner; D, Flat Plier.

Fig. 2129

	PRICE Doz.	Each
6 in. Half-bright	16/6	1/5
6 ,, Frosted Nickel-plated	23/6	2/-

Combination Gas Pliers

Fig. 2157

Containing Large and Small Holes, Wire Cutters, Pipe Opener, and Turnscrew.

	PRICE Doz.	Each
8 in. Rough Black Finish	30/-	2/6
8 ,, ,, ,, ,, ...	32/-	2/8
8 ,, Bright Jaws, Black Handles	34/6	2/11
9 ,, ,, ,, ,, ...	36/6	3/1

Glass Pliers Fig. 2128

Size up to	6	6½	7	8 in.
PRICE	3/5	3/9	4/4	5/- each

Strong Plain Steel Pliers

Fig. 2130

Solid Welded Nose

	PRICE Doz.	Each
6 in. Half-bright Flat Nosed Pliers	28/-	2/4
6 ,, ,, ,, Round ,, ...	30/-	2/6

Barbed Wire Fencing Pliers

Fig. 2143

Solid Welded Flat-nose Wire Cutter.
Will cut iron wire up to 10 wire gauge with ease.

	PRICE Doz.	Each
8 in. Strong Half-bright	40/3	3/5
9 ,, ,, ,, ...	42/3	3/7

Motor Cone Pliers Black

Fig. 1748

Pressed Steel Hollow Handles.

8 in. .. .. 15/- doz.; 1/3 each

Combination Slip-Joint Pliers

Fig. 104

Solid Steel

Length 6½ in. PRICE 2/- each.

Billings' Improved Combination Pliers (Made in U.S.A.) can be supplied. **Prices on application.**

ROSE TOOLS, INC.

Bright Steel Ticket Nippers

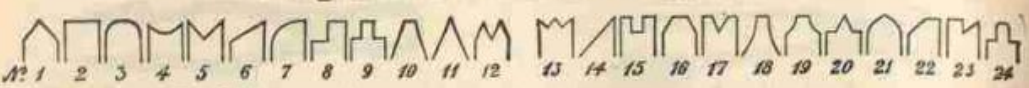
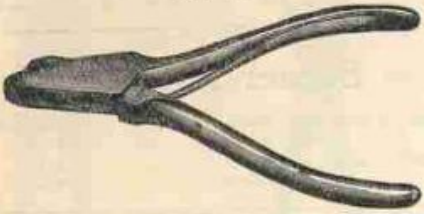
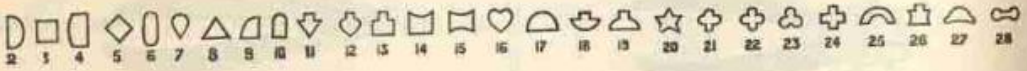


Fig. 2156



	PRICE per pair
Size 5 in. To cut out patterns 1 to 24	3/8
„ „ 25 „ 36	5/
To impress in addition to No. 11 cut :—	
One figure or letter	7/3
Two „ „	7/8
With cuts, Nos. 2 to 24	extra 1/4

Bright Ticket Nippers



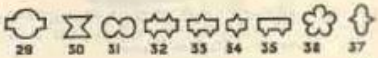
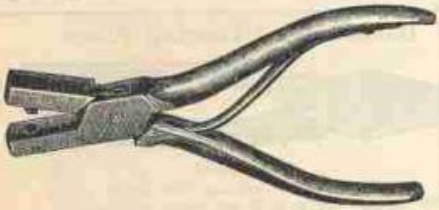


Fig. 2151



	PRICE per pair
Length 5½ in. to cut out O. Black	5/6
To cut patterns 2 to 19 „	6/8
„ „ 20 „ 37 „	8/
To impress one letter or figure (no cut)	6/8
„ two „ „ „	7/3

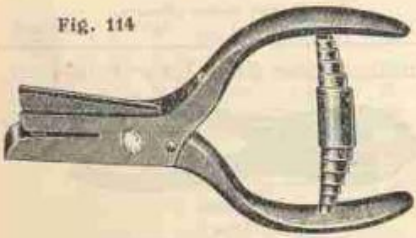
If required to impress letters or figures above or below the piece cut out.

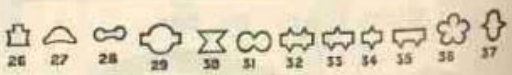
One Letter	1/4 per pair extra.
Two „	2/ „ „
Three „	2/6 „ „

Nickel-plated 7/10 per pair extra, with one handle forged as a Railway Carriage Key, **price on application.**

Ticket Nippers

Fig. 114





Nickel-plated. Length 4½ in.

To cut out any of the above patterns.

PRICE .. 11/4 each

ROSE TOOLS, INC.

Special Telegraph Tools

We beg to call our friends' special attention to these tools, of which we keep the largest stock in the country, being the original makers of most of the patterns in use. Materials and workmanship are of the very best. Special quotations given on receipt of specification.

Varley's Pattern Draw Vice With Ratchet

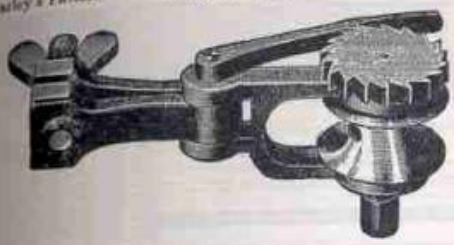


Fig. 2159

Size of Vice, 4 in. Length overall, 8½ in.
PRICE, 26/- each, including key.

Ordinary Pattern Draw Vice With Ratchet

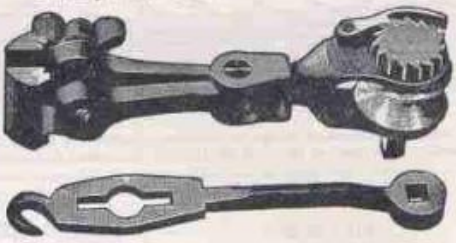


Fig. 2160

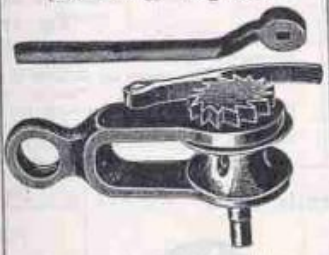
Size of Vice ..	4	5	6	7	8	10	12	in
Length overall ..	7½	9	10½	11½	13½	16½	19	"
PRICE, with key ..	19/-	23/3	26/6	45/-	50/-	72/6	100/-	each

Ratchet for Draw Tongs

Fig. 2162

PRICE, Light .. 7/3 each
" Medium 9/6 "
" Large .. 14/- "
Including key

Ratchet for Draw Tongs (Extra Strong) Fig. 2163



PRICE, including key, 17/6 ea.

Tension Ratchet

Fig. 2165

To indicate up to ..	170	400	600	1000	1500	2000	3000	lb.
PRICE..	31/6	53/6	60/-	85/-	120/-	170/-	259/-	each

Complete with key

WIRE TAILS for use with Draw Vices, etc. For 6 in. vice (4 ft.), 6/6; 8 in. vice (6 ft.) 7/-; 10 in. vice (6 ft.) 7/6 each
INSULATED TAILS, made in two sizes, viz.—Large and Small .. .. 6/6 "

170 lb. Tension and Double Sliding Draw Tong

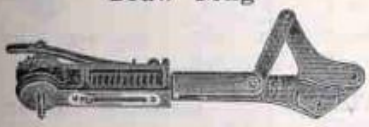


Fig. 1765

For 100, 150, and 200 lb. wire
PRICE, complete with key, 39/-

Tension Indicator

Fig. 4351

This Indicator is specially adapted for testing the tension of all descriptions of wire, rope, &c.

			PRICE			
To indicate 1000 lb.	× 20 lb.	£7	0	0	each
" " 2000 "	× 40 "	13	0	0	"
" " 3000 "	× 50 "	18	10	0	"
" " 4000 "	× 50 "	27	0	0	"

Improved Light Draw Tong

Fig. 2167

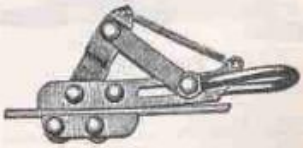
PRICE 3/6 each
Can be supplied in heavier sizes according to requirements. Also made double-sided or "Universal."

Parallel Grip Draw Tongs

Fig. 1766

To grip wire ..	⅛	¼	⅜	in.
PRICE ..	24/-	28/-	32/-	each

Fig. 1767



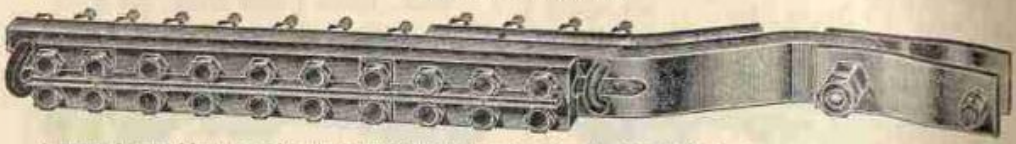
To grip wire ½ in.
PRICE 48/- each

ROSE TOOLS, INC.

Special Telegraph Tools—*continued*

Extra Heavy Pulling Clamp. Fig. 1770

14,000 lbs. Working Load



As manufactured by us to Messrs. Callenders Cable & Construction Co. Ltd.'s design and used by them on Thames Crossing Contract of the C.E.B. 132 KV. National Grid Scheme.

PRICE ON APPLICATION

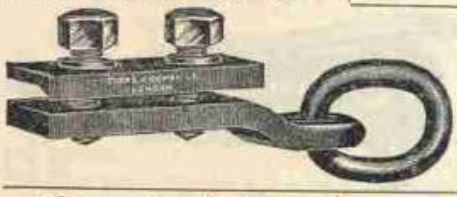
Flat Pulling Clamp

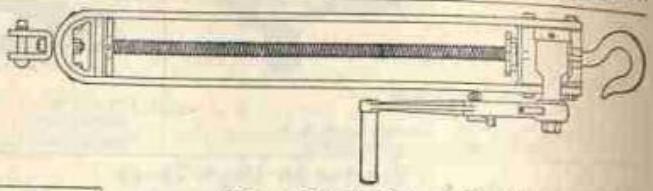
Fig. 6102

Grooved for wire. Also made with hook instead of link.

Price on application.

When enquiring for price it is important to state size and type of conductor and also the working tension.





The "Slack Puller" (Made in U.S.A.)

Fig. 1768

Takes the place of block and tackle and enables one man to do the work of four.

No. 730	For strains up to 3,000 lb., fitted with hook. Take up 19 in., weight 17 lb.	£12 13 0
No. 731	For strains up to 6,000 lb., fitted with clevis. Take up 19 in., weight 17 lb.	13 15 0
No. 7100.	For strains up to 10,000 lb., fitted with clevis. Take up 27 in., weight 45 lb.	24 15 0

"Come-along" Tong

Fig. 6101

Type	Light	Medium	Heavy
To grip wires in.	⅜	½	¾
PRICE each	5/-	8/6	14/-

Devils Claw

Fig. 2166

4/6 each

Dutch Draw Tong

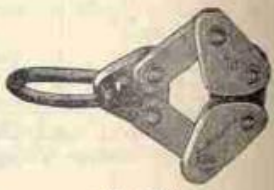


Fig. 2168

5/- each

Jointers' Vice

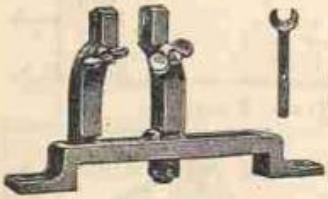


Fig. 2173

Bright, on brass stand, with key

PRICE, 34/- each

Can also be supplied on fitted wood block

Price on application

Also made on steel stand.

Britannia Joint Vice

Fig. 6104 **PRICE 12/6 each**

Twisting Clamp

For use on Sockets

Fig. 6103 5/- each

Steel Draw-in Tapes

Fig. 172

68 ft. × ¼ in.	PRICE, 4/- each.
68 ft. × ¼ in.	" 4/6 "

ROSE TOOLS, INC.

Special Telegraph Tools—*continued*

Improved Stay Splicing Tool

Fig. 2175

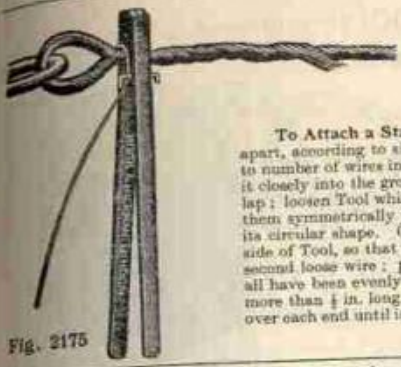


Fig. 2175

DIRECTIONS FOR USE

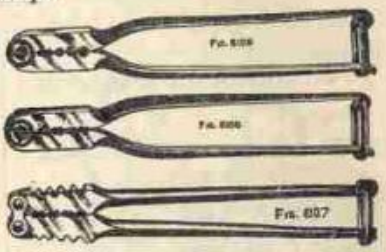
To Attach a Stay to a Union.—1. Bend the strand wire as usual to form two knees 4 to 6 in. apart, according to size of thimble, the first knee being from 13 to 22 in. from end of wire, according to number of wires in stay. Then bend wire between the knees around thimble, using the tool to draw it closely into the groove. 2. Unstrand free end and straighten out wires; pick out one end for first lap; loosen Tool whilst this wire is passed underneath; grasp remaining wires with the Tool, and place them symmetrically parallel with and around main strand, so they that will bind in without spoiling its circular shape. Grip with Tool, and revolve the latter with the free wire under hook on thimble side of Tool, so that it will bind closely around stay and remainder of wires. Loosen Tool and take a second loose wire; place it in hook of Tool on the Thimble side and twist as before, and so on until all have been evenly bound around main stay. 3. Work in projecting short ends, which will not be more than ¼ in. long, by grasping splice with Tool (wire being inside hollow of Tool) and turning Tool over each end until is is worked in.

PRICE, large size, 8/6 each; small size, 7/3 each.

Jointers' Splicing Clamps

Capacities

	Wire	Sleeves		Wire	Sleeves
7 in. Clamps	·148 in.	·251 × ·148 in.	10 in. Clamps	·210 in.	·4475 × ·210 in.
	·128 ,,	·213 × ·128 ,,		·185 ,,	·405 × ·185 ,,
	·107 ,,	·179 × ·107 ,,		·182 ,,	·372 × ·182 ,,
	·092 ,,	·148 × ·092 ,,		·1405 ,,	·290 × ·1405 ,,



PRICES

		7 in.	10 in.
Fig. 6105.	For Wires	7/-	10/- each.
Fig. 6106.	,, Sleeves	7/9	11/9 ,,
Fig. 6107.	,, Wires and Sleeves	9/6	14/- ,,

Woven Wire Cable Grips

Fig. 9811

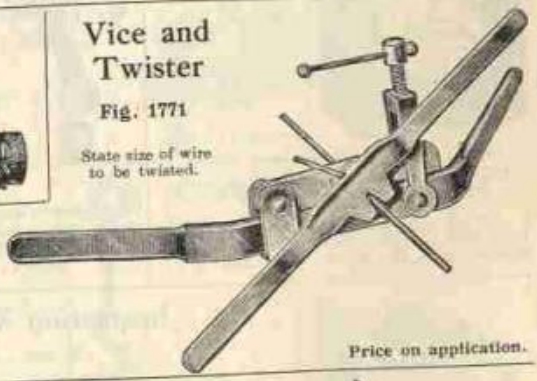
For drawing Cables from the end.

Size	½	1	1½	2 in.
Single end loop	14/6	17/6	21/-	21/- each.
Double end loop	17/6	21/-	24/-	24/- ,,
Size	**2½**	**3**		**3½ in.**
Single end loop	22/6	22/6		22/6 each
Double end loop	26/-	26/-		26/- ,,

Vice and Twister

Fig. 1771

State size of wire to be twisted.



Price on application.

Test Borer for Wood (Foreign)

Fig. 684

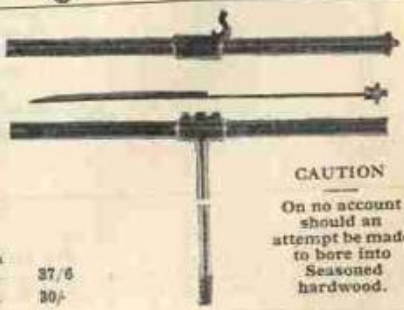
For use in the examination of the quality of growing trees and timber, the depth of impregnation in sleepers, telegraph and telephone posts, masts, etc.

Consists of a hollow auger, which fits into the cross handle, and a gouge-shaped extractor. For convenience the hollow auger and the extractor are carried in the interior of the handle.

A. To bore core diameter of 4·35⅝ to a depth of 7½ in. (200⅝).

PRICE, complete with clearing rod and 4 glass sample tubes and fitted in lined case 37/6

Borer only with clearing rod 30/-



CAUTION

On no account should an attempt be made to bore into Seasoned hardwood.

ROSE TOOLS, INC.

Special Telegraph Tools—*continued*

Jointers' Tents

Wood Frame.

Fig. 2169

Wood Frame.

As used by the G.P.O.

Frames of specially selected Ash and covered tanned Sail Canvas. Doorways fitted each end.

Size A. Height, 6 ft.; Length, 5 ft.; Width, 3 ft. 3 in.; Weight, 118 lb.
PRICE, £9 17 6

Size B. Height, 6 ft.; Length, 5 ft.; Width, 4 ft.; Weight, 120 lb.
PRICE, £9 5 0

Iron Frame.

Lighter than wood. Will not warp. Covered Green or Brown Treated Canvas.

Size C. Height, 6 ft.; Length, 5 ft.; Width, 3 ft. 3 in.; Weight, 94 lb.
PRICE, £9 15 0

Size D. Height, 6 ft.; Length, 8 ft. Width, 3 ft. 6 in.; Weight, 125 lb.
PRICE, £12 2 6

Collapsible Iron Frame.

Galvanometer-Detector

Fig. 2182

With Quantity and Intensity Coils.

Standard Instruments are fitted with Switch for ½ Shunt on Quantity Coil.

Quantity Coil wound to 2 ohm.

Intensity Coil wound to 100 ohms.

Polarized Needle.

Fitted in Polished Mahogany Case.

PRICE, complete in Leather Case, with Shoulder Straps, **£3 14 6**

Other types furnished to order, including Post Office pattern, Railway pattern (in Aluminium Case), &c., &c.

Contact Clearing Rods

Fig. 2174

Contact Clearing Rods, standard pattern, with shears, saw, and hook, 4 Bamboo Rods with Brass Screw Joints, leather holster, and canvas satchel.

PRICE, complete .. **£5 15 0**

Linesmen's Blocks and Falls

Fig. 2170

Standard Set consists of a pair of 2- and 3-sheave Pulley Blocks, best London made, galvanised and fitted with G.M. Sheaves, and reeved with 90 ft. best Manilla Rope.

PRICE
40/-
per set.

Can be made to any specification.

Inspection Mirror

Fig. 460

Nickel-plated handle. Screw stem to mirror.

Supplied plain or magnifying.

PRICE, complete, 2/6 each; Mirror only, 2/- each.

Supplies

For Telegraph and Telephone Line Work

Stay Rod and Swivels. Earth Plates. Straining Screws. Fenders (wrought iron) for Manholes. Guards or Fences (wood) for Manholes. Lamp Brackets for Jointers' Tents. Solder. Tallow. Plumbers' Block, etc., etc. Buckets. Gloves. Ropes. Tarpaulin. Moleskin, etc., etc.

ROSE TOOLS, INC.

Special Telegraph Tools—*continued*

Linesman's Safety Belts For Poles

Fig. 6110. PRICE, 30/- each.

Safety Belt for Lamp Standards

With Hooks

Fig. 6111. PRICE, 63/- each

Linesman's Belt

With Frogs and Spring Hook

Without Tools .. 8/6 each Fig. 6112

Hand Vice

With Shackle and Strap. Fig. 2172

5 in. Vice, Strap 6 ft. long × 1½ in. wide

18/- each

Pole Climbing Irons. Fig. 2171

Best London Made

Extra Strong.

Any Pattern made to order.

With Straps and Pads, 35/-

With Straps only, 27/6 per pair

Telegraph Fire Pots

Fig. 472

Diam. of Body, 7 in.

Height to top of body, 14½ in.

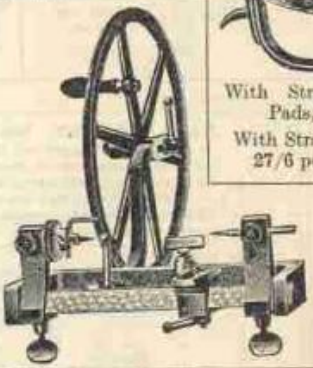
PRICE, 6/6 each

Clock Throws

Fig. 2181

Complete as illustrated

£7 0 0 each



Guy Anchors

Fig. 175

All rods galvanized

Holding strain from 5–50 tons, according to size and soil.

Dia. of Head in.	Size of Rods in.	Length ft.	Weight lb.	PRICE each
6	¾ Round	6	7½	14/3
6	⅞ "	6	9½	16/6
7	⅞ "	6	11	20/6
8	⅞ "	6	13	26/6
8	1¼ Square	6	40	76/-
10	1¼ "	6	66	94/6
12	1¼ "	6	90	123/6
Wrench for Round Anchors ..		5ft. 4in.	30	44/6
Earth Auger for all sizes		5ft. 11in.	20	55/6

Screw Pickets

Fig. 463

PRICES Standard Sizes

¾ in. × 2 ft. 6 in. 5/6 each

⅞ in. × 3 ft. 6 in. 7/6 each

1 in. × 5 ft. 25/- each

Other sizes to your specification

Prices on application

Adjustable Pole-Setting Plumb Level

Fig. 2180

Can be adjusted for taper of pole by Milled Wheel and Graduated Gauge.

28/- each.

ROSE TOOLS, INC.

Block Shears

Fig. 1829 (Left Hand)

PRICE 4/- per lb. Smaller than 8 lb. each charged as 8 lb.

Stock Shears

Fig. 1830 (Right Hand)
PRICE 4/- per lb. Smaller than 8 lb. each charged as 8 lb.

Tinmen's Snips, Toggle Jointed

Fig. 4616. Straight

Length	8	9	10	11	12 in.
PRICE	6/3	6/9	7/6	8/-	8/9 each

If supplied with Bent Blades, 2/6 each extra

Tinmen's Snips, Solid Steel

Fig. 4615. Heavy Blade

Length	8	10	12	14	16 in.
PRICE	3/6	4/3	5/3	8/3	12/- each

Gilbow "No-Nip" Tinmen's Snips Fig. 1997

An important alteration in design which eliminates all risk of nipping the hand by the shank ends.

Size	8	10	12	14 in.
PRICE, Straight	2/2	3/-	4/3	6/- per pair
" Bent	3/3	4/3	5/9	7/9 "

Tinmen's Snips, Hand Forged

Fig. 1834. Straight

Fig. 1832. Bent

Length	6	7	8	9	10	11	12	14	16	18 in.
PRICE, Fig. 1834. Straight	1/6	1/7	1/8	2/-	2/3	2/9	3/2	4/6	7/6	9/- each
" " 1832. Bent	2/-	2/3	2/6	2/9	3/2	3/9	4/3	6/-	—	— "

"Universal" Sheet Metal Shears (Foreign)

These shears are specially constructed to enable the most awkward curves and angles to be cut with ease, and also without unduly distorting the sheet metal. They are made of superfine steel carefully tempered, which enables them to stand up to the most strenuous work.

Type 1, with large and small blades

Fig. 4617

Type 2, with two small blades

Size	8	8½	9½	10½	11	12 in.
PRICE, both types	6/3	7/-	7/6	8/6	10/-	11/6 each

No. 66

"Gilbow" Tinmen's Sheet Metal Shears

Fig. 1119

No. 67

Will cut curves and circles as well as straight lines. Made from high-grade forged steel, 11 in. long.

Two patterns: Straight handle or cranked handle for clearance.

No. 66. Straight handle .. .. PRICE 6/- per pair
" 66LH. " Left hand .. " 6/6 "

No. 67. Cranked handle .. .. PRICE 6/6 per pair
" 67LH. " Left hand .. " 7/- "

Scotch Hand Shears

Fig. 1831. Heavy Hand Forged

Length	8	9	10	11	12	14	16	18	20	22 in.
PRICE	5/9	6/-	6/9	7/9	8/9	11/-	14/-	16/3	18/9	22/- each

Tinmen's Round Nose Pliers. Fig. 1811

Length	6	7	8	9	10 in.
PRICE	2/2	2/5	2/9	3/6	4/3 each

Tinmen's Cutting Nippers. Fig. 1812

Length	6	7	8	9	10	12 in.
PRICE	2/2	2/8	3/4	4/-	5/-	7/- each

ROSE TOOLS, INC.

Tinmen's Hammers

Fig. 1836. Block. Regular weight, 5 lb. 3/- per lb.

Fig. 1837. Planishing. Regular weight, 3 lb. 3/- per lb.

Fig. 1838. Flat. Regular weight, 3 lb. 3/- per lb.

Fig. 1839. Convex. Regular weight, 1-2½ lb. 3/- per lb.

Fig. 1840. Concave. Regular weight, 1-2½ lb. 3/- per lb.

Fig. 1841. Creasing. ½-¾ lb. 3/- each

Fig. 1842. Paning. ½-¾ lb. 3/- each

Fig. 1843. Riveting. 1-1½ lb. 3/- per lb.

Fig. 1844. Smoothing. 2-4 lb. 3/- per lb.

Fig. 1845. Hollowing. 3-5 lb. 3/- per lb.

Fig. 1846 Round & Sq. Face 1-1½ lb. 3/- per lb.

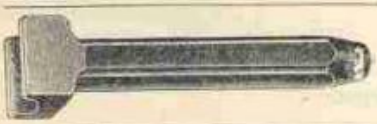
Hammers weighing less than 1 lb. each are charged as 1 lb.

Tinmen's Hollow Punches

Fig. 1819

Size	1/8	5/32	3/16	7/32	1/4	9/32	5/16	3/8	7/16	1/2	9/16	5/8 in.
PRICE	1/-	1/-	1/-	1/-	1/-	1/4	2/-	2/-	2/-	2/6	2/9	3/3 each

Size	1⅛	1¼	1⅜	1½	1⅝	1¾	1⅞	2	2¼	2½	2¾	3 in.
PRICE	3/9	4/6	5/6	6/-	6/6	7/-	7/9	8/9	10/-	11/6	13/-	15/- each



Tinmen's Groove Punches

Fig. 1823

Size	1/16	3/32	1/8	5/32	3/16	7/32	1/4	5/16	3/8 in.
PRICE	3/-	3/-	3/-	3/7	4/-	4/5	4/9	6/-	7/2 each

Tinmen's Rivet Sets

Fig. 1824. (Combined Set-up and Snap).

Size	1/16	3/32	1/8	5/32	3/16	7/32	1/4	5/16	3/8	7/16	1/2 in.
PRICE	1/10	1/10	1/10	1/10	2/3	2/3	2/6	3/-	3/6	4/-	5/- each

Tinmen's Rivet Punches

Fig. 4607. Set-up. Fig. 4608. Snap.

Size	1/8	5/32, 3/16	1/4	5/16, 3/8 in.
PRICE, either pattern	7/8	7/10	1/-	1/4 each

Tinmen's Stakes, Mandrels, &c.

Funnel Stake
Fig. 1817
20-22 lb.
Wrought iron, 2/- per lb.
Steel Faced, 2/8 per lb.

Rounding Stake
Fig. 4609
25-35 lb.
Cast Iron, 7/9 per lb.
Wrought iron, 1/10 per lb.

Side Stake
Fig. 1822
18-36 lb.
Wrought iron, 1/10 per lb.
Cast iron, 7/9 per lb.

Fig. 4610
30-40 lb.
Wrought iron, 2/- per lb.
Steel Faced, 2/8 per lb.

Funnel and Side Stake

Hollow Mandrel Stake
5 ft. 6 in. long × 3 in. wide.
Cast iron. About 98 lb.

Fig. 4611
7/9 per lb.

Pipe Stake, Flat and Round Face.

Fig. 4612. Wrought iron. 25-40 lb. 1/10 per lb.

Pipe Stake. Fig. 1825. 40-56 lb.
Cast iron ... 7/6 per lb.
Wrought iron ... 1/10 "

Mandrel. Fig. 4274.

Cast iron. 28-120 lb. 7/5 lb.
If Ground Face, 7/9 per lb.

ROSE TOOLS, INC.

Tinmen's Bick Irons, Anvils, Stakes, &c.

Bick Irons
Fig. 1818
Wrought Iron,
20-30 lbs.

10-20 lbs., 2/2 per lb.
Over 20 lbs. 2/- per lb.

Horse
Fig. 1820
20-35 lbs.

1/6 per lb.

Saucepan Belly Stake
Fig. 1821

20-30 lbs. 2/2 per lb.

Kettle Lid Swage
Fig. 1826
60/- each

Soldering Gibbet
Fig. 1827
20 in. long, 65/-; 36 in. long, 90/- each

Stud Boss & 2 Punches
Fig. 1828
35/- per set

Round Head
Fig. 1847
about 3 lbs.

Square Head
Fig. 4613
about 4 lbs.

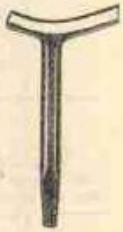
Anvil
Fig. 1850
32-52 lbs.
2/8 per lb.

Anvil Stake
Fig. 1854
14-34 lbs.
2/8 per lb.

Tea Kettle Bottom Stake
Fig. 1851
About 14 lbs.
2/8 per lb.

Round Bottom Stake
Fig. 1852
15-35 lbs.
2/8 per lb.

Half Moon Stake
Fig. 1853
4-10 lbs.
2/6 per lb.



Teapot Neck Tool
Fig. 1856
About 5 lbs.
2/8 per lb.

Long Head
Fig. 1848
About 4 lbs.

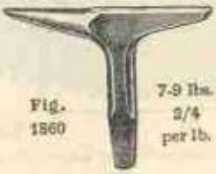
Oval Head
Fig. 1849
About 3 lbs.

All Heads, 2/8 per lb.
Minimum 3 lbs.

Hatchet Stake
Fig. 1857

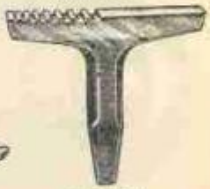
7-12 lbs.
10 lbs. and up 1/10 per lb.
Under 10 lbs. 2/2 per lb.

Grooving Stake
Fig. 1858
10-18 lbs.
3/- per lb.



Extinguisher Stake
Fig. 1860

7-9 lbs. 2/4 per lb.



Creasing Iron
Fig. 1859
10-16 lbs.
2/10 per lb.

Pepper or Flour Box and Teapot Top Head
Fig. 1855
2-3¼ lbs.
3/- per lb.

Dripping Pan Stake
Fig. 4614
15-25 lbs.
2/10 per lb.

If special tools are required, correct patterns or drawings must be furnished. We shall be pleased to quote for tools made to customers' requirements.

ROSE TOOLS, INC.

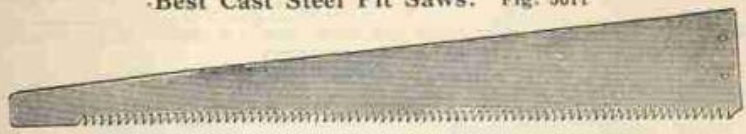
Buck & Hickman's
Best Cast Steel Cross-cut Saws. Fig. 5010

Supplied with Peg Tooth unless otherwise ordered.

Length ..	4	4½	5	5½	6	6½	7	7½	8	8½	9	9½	10 ft.
PRICE ..	13/-	15/-	18/-	19/-	22/-	24/-	26/-	31/-	39/-	45/-	54/-	62/-	72/- each.

Turned Ash Handles for above Fig. 5022, 2/- per pair.

Best Cast Steel Pit Saws. Fig. 5011



Heel not to exceed 11 in. wide.

Length ..	4	4½	5	5½	6	6½	7	7½	8	8½	9	9½	10 ft.
PRICE ..	16/6	17/6	19/6	21/-	24/-	26/-	28/-	33/-	39/-	46/-	54/-	62/-	72/- each.

If Heel or Butt exceeds 11 in., 2/- per inch extra.
Tiller and Handle, 5/-. Pit Saw Boxes, 3/3 each.

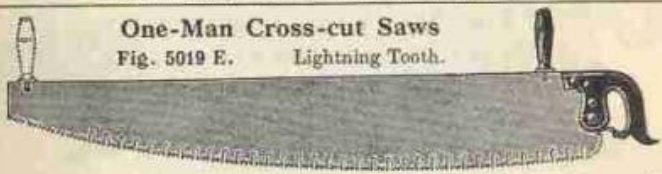
Best Cast Steel Stone Saws. Fig. 5013

Not exceeding 9 in. wide.

Length	5	5½	6	6½	7	7½	8	9 ft.
PRICE	24/-	26/-	28/-	31/-	34/-	38/-	42/-	52/- each.

Prices include up to 9 in. wide. If wider 3/- per inch extra.

One-Man Cross-cut Saws
Fig. 5019 E. Lightning Tooth.



Length	2½	3	3½	4	4½	5 ft.
PRICE	14/6	15/6	18/-	21/-	24/-	27/6 each.

Peg Tooth can be supplied if required.

Best Cast Steel Frame Saws. Fig. 5012
Vertical Log and Deal Frame Saws. Fig. 5963
Horizontal Frame Saws. Fig. 5964
Made to order in all sizes. Prices quoted on receipt of particulars of requirements.

Stone Saw Plates. Fig. 5014
All sizes kept in stock. Price on application.

Best Cast Steel Mill Webs and Horizontal Saws. Fig. 5015
Made to order in all sizes. Prices quoted on receipt of particulars of requirements.

Best Cast Steel Veneer Webs. Fig. 5016
Best Cast Steel Felloe or Turning Saws. Fig. 5017
Made to order in all sizes. Price on application.

ROSE TOOLS, INC.

Disston's Cross-Cut Saws (Made in U.S.A.)

No. 124. Great American Fig. 1155

Tapered 14 & 19 Gauge. Crowning back. Made with all cutting teeth, no rakers. Mostly used for cutting seasoned lumber, but is also used for cutting diagonally across the grain. Ground by the Disston process on lines to conform to the tooth edge of the saw. **Five gauges thinner on back than on cutting edge.**

Length	4	4½	5	5½	6 ft.
PRICE	19/9	22/-	24/3	27/-	29/- each.

No. 494. Beaver Hollow Back Fig. 1156

Tapered 14 & 17 Gauge. Hollow Back. This is a four-cutter raker-tooth type, designed for felling, and bucking small timber. The blade is narrow, back cut hollow in order to give sufficient breast or curve to the cutting edge. Ground as Fig. 1155. **Three gauges thinner on back than on cutting edge.**

Length	4	4½	5	5½	6 ft.
PRICE	22/3	25/6	28/6	32/-	37/6 each.

No. 114. Lance Perforated Fig. 1157

Tapered 14 & 18 Gauge. Crowning back. This saw has a full width blade and four-cutter and raker perforated type of tooth Ground by the Disston process on lines to conform to the tooth edge. **Four gauges thinner on the back than on cutting edge.**

Length	4	4½	5	5½	6	7 ft.
PRICE	19/6	22/-	24/-	26/9	28/9	34/- each.

One-Man Cross-Cut Saws

No. 524. Great American Fig. 1158

An all round Saw excellent for framing work, as it makes a fine straight cut. Small teeth at point to assist starting. Ground on lines to conform to the tooth edge. Two gauges thinner on back. Hardwood handle, comfortable grip. Supplementary handle included in price.

Length	3	3½	4	4½	5 ft.
PRICE	15/6	17/9	20/6	23/-	25/6 each.

Disston's Cross-Cut Saw Handles (Made in U.S.A.)

Fig. 1159

For Two-man Saws.

No. 102½. Reversible Handle, 13½ in. long. 1⅛ in. diam. at thickest part. Malleable Iron bolt and Wing nut. Grey iron face plate and washer.

PRICE, 180/- per 100 pairs.

No. 103. Similar to above. Face plate and washer are unusually heavy castings.

PRICE, 192/6 per 100 pairs.

Fig. 1160

Supplementary Handle for One-man Saws

No. 118. Hardwood. 4½ in. long. 1⅛ in. diam. at thickest part. Heavy steel ferrule.

PRICE, 13/- doz.

ROSE TOOLS, INC.

Buck & Hickman's Warranted Cast Steel Saws

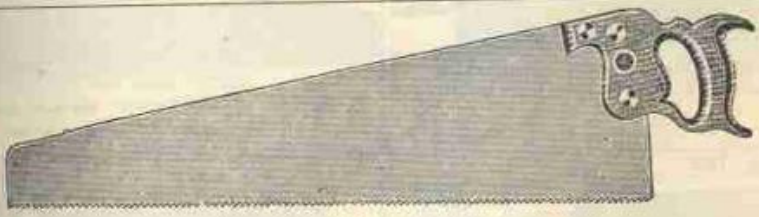
Rip, Half-Rip, Hand and Panel Saws

Fig. 5969 **Unequalled Value**

This Saw has no superior. Skew Back, extra London Spring Steel, highly finished. Selected Beech Handle. Five raised screws.

Length	16	18	20	22	24	26	28	30 in.
PRICE	5/8	6/2	6/6	7/-	7/10	8/4	8/10	9/10 each

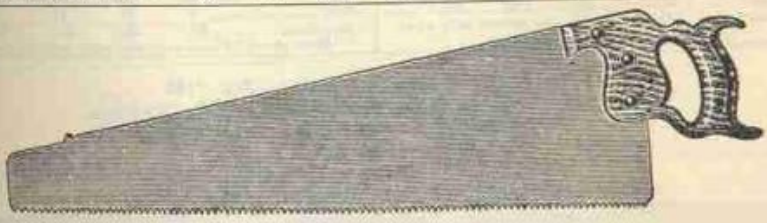
Fig. 5025



Warranted Best Cast Steel Hand Saws.

Length	10	12	14	16	18	20	22	24	26	28	30 in.
Fig. 5025LS, London Spring Steel	—	—	—	—	—	—	6/8	7/8	8/3	8/9	9/10 each
,, 5025A, Cast Steel, Warranted	2/8	3/2	3/10	4/4	5/-	5/3	5/10	6/7	6/9	7/4	7/10 ,,

Fig. 5025 B



Warranted Hand Saw. Medium quality.

Length	10	12	14	16	18	20	22	24	26	28	30 in.
PRICE	2/5	2/8	3/3	3/10	4/5	4/9	5/4	5/10	6/-	6/8	7/3 each

The 26 in. Saws are also stocked specially for **Coopers and Contractors.** Prices as above.

Masons' Hand Saws, Fig. 5025—30 in., 9/6; 33 in., 12/-; 36 in., 13/6 each.

Tenon or Back Saws

Fig. 5029

Length, up to	Grade A and B. 10	12	14	Grade C. 16	18	20	22	24 in.
Grade A. Best Quality Heavy Brass Back	6/8	7/4	8/3	9/6	10/4	10/10	11/9	12/10 each
,, B ,, ,, Iron Back	5/2	5/6	5/10	6/8	7/-	7/2	7/9	8/3 ,,
,, C Second Quality ,, Warranted	4/8	5/-	5/4	6/-	6/4	6/6	7/2	7/8 ,,

ROSE TOOLS, INC.

Slack, Sellars' Hand, Back and Cross-Cut Saws

Fig. 1135

No. 95. "Speed" Brand Hollowback Hand Saw

Handles highly polished all over, raised silver-plated screws

Size	20	22	24	26	28 in.
PRICE	126/-	138/-	156/-	162/-	180/- doz.

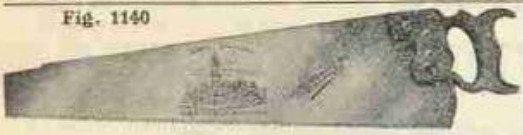
Fig. 1138

No. 78B. "City" Brand Hollowback Handsaw

Handles polished all over, raised brass screws, flexible blades, spring temper.

Size	20	22	24	26	28 in.
PRICE	69/-	75/-	81/-	84/-	90/- doz.

Fig. 1140



No. 78A. "City" Brand Straight Back Handsaw

Handles polished all over, raised brass screws, flexible blades, spring temper.

Size	20	22	24	26	28 in.
PRICE	63/-	69/-	75/-	78/-	87/- doz.

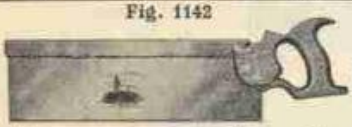
Fig. 1141

No. 79A. "Black Knight" Farmers' Handsaw

With Lightning teeth for cutting green and wet wood.

Size	24 inches, 54/-	26 inches, 57/- doz.

Fig. 1142



No. 53A. "City" Brand Backsaw

Handles polished on edges, raised brass screws, medium heavy backs.

Size	8 and 10	12	14	16 in.
With Iron Back	72/-	81/-	93/-	105/- doz.
With Brass Back	90/-	99/-	108/-	135/- "

We fully warrant every "CITY" Saw to be perfect both as to material and workmanship.

Fig. 1147

No. 55. "Black Knight" Backsaw

Size	8	10	12	14	16 in.
Iron Back	42/-	45/-	51/-	60/-	66/- doz.

Saws above 10 inch supplied with regular closed handles.

Two-Man Cross-Cut Saws Fig. 1196

"Speed" Saws are high quality Alloy Steel Saws ground 2 gauges thin to back.
"City" Saws are really good quality saws, at a moderate price.
All set and sharpened.

Length			3	3½	4	4½	5	5½	6	6½	7 ft.
Great American Teeth (as shown)	"Speed" Brand		—	—	14/-	16/3	19/6	20/6	23/9	26/-	28/3 ea.
" " "	"City"	"	—	—	10/-	11/3	12/3	13/6	15/-	17/-	20/- "
Peg Tooth	"Speed"	"	11/3	12/3	13/3	15/3	18/3	19/3	22/3	24/3	26/6 "
" "	"City"	"	6/-	7/-	8/-	9/-	10/-	11/3	12/9	14/6	17/- "

Fig. 1197

One-Man Cross-Cut Saw

Length			3	3½	4	4½	5 ft.
Great American Teeth (as shown)	"Speed" Brand		18/-	19/-	22/9	26/-	29/3 ea.
" " "	"City"	"	11/-	12/-	14/-	16/-	18/- "

Cross-Cut Saw Fittings

Climax Reversible Handles (as shown on Fig. 1196), 3/- per pair.
Auxiliary Handle for One-Man Saw, 1/- each.

ROSE TOOLS, INC.

Disston's Hand Saws (Made in U.S.A.)

Fig. 5031. (No. D8)

This Saw has all the latest improvements in Hand Saws. It combines the popular skew back, the peculiar shaped butt or heel, which, with the new screws, makes it almost impossible to work loose from the handle, and gives the full sweep of the saw without the possibility of catching in the work. Spring Steel, Warranted, Apple Handle, Polished Edge, five Brass Screws.

Length	18	20	22	24	26	28 in.
PRICE	10/6	11/6	12/3	13/6	13/6	16/6 each

Fig. 5034. (No. D7)

Crucible Cast Steel, Grained Blade, Warranted, Beech Handle, Polished Edge, four Brass Screws.

Length	20	22	24	26	28 in.
PRICE	10/9	10/9	11/6	11/6	13/6 each

Fig. 5972. (No. 600)

Beech Handle, Varnished Edge, Brass Screws.

Length	14	16	18	20	22	24	26 in.
PRICE	1/10	1/10	2/-	2/3	2/5	2/8	2/9 each

Disston's Saw-Filer's Vices (Made in U.S.A.)

Adjustable Ball and Socket Clamp

Fig. 5060. (No. 1)

Length of Jaw, 9 in.
Holds Saw at any angle.
PRICE, Japanned 17/- ea.

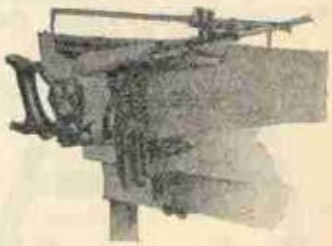
Improved Saw Clamp

Fig. 5061. (No. 2)

Length of Jaw, 9½ in
PRICE, Japanned, 11/9 ea.

Saw Filing Guide

Fig. 5062. (No. D3)



Length of Jaw, 12½ in.

Specially designed for unskilled persons. Illustration shows Saw and Guide in proper position for filing. The Swivel Attachment has three divisions for alternate teeth and for setting square for Rip Saws. **PRICE**, including Clamp, Filing Guide, File and Handle, in Wooden box, 25/6 each

ROSE TOOLS, INC.

Disston's

Back Saws (Made in U.S.A.)

Fig. 5038 (Nos. 4 and 5)

Apple Handle, Polished Edge.

Length	8	10	12	14	16 in.
No. 4, Blued back	8/9	8/9	9/3	10/-	11/9 each
„ 5, Brass „	9/6	9/6	10/9	11/9	13/- „

Davis Back Saw (Made in U.S.A.)

Fig. 5973 (No. 0)

Beech Handle, Polished Edge, 10 and 12 in. made with open handle, 14 in. with closed handle. All sizes made 12 point only.

Length	10	12	14 in.
PRICE	3/6	3/9	4/6 each

Keyhole Saw and Pad (Made in U.S.A.)

Fig. 5046 (No. 5)

PRICE, complete .. .. 1/9 each
„ Saw blade only .. .. 1/- „
„ Handle .. .. /9 „
Forms a combination of Keyhole Saw and Screwdriver.

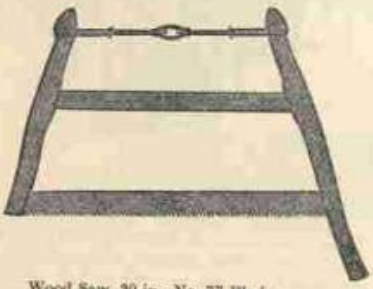
Nest of Saws (Made in U.S.A.)

Fig. 5043 (No. 3)

PRICE, complete .. .. 7/3 each
„ Keyhole Blade, 10 in. .. .. .. 1/3 „
„ Compass „ 14 „ .. .. 1/9 „
„ Pruning „ 16 „ .. .. 3/- „
„ Handles .. .. 1/6 „

Disston's Brace Frame (Made in U.S.A.)

Fig. 5974 (No. 177)



Wood Saw, 30 in., No. 77 Blade 2½ in. wide, Climax Rod, Plain

PRICE .. .. 6/- each
Extra Blades .. .. 33/6 doz.

Cast Steel Compass Saw (Made in U.S.A.)

Fig. 5042 Apple Handle. (No. 2)

Length	12	14 in.
PRICE	3/-	3/3 each

Duplex Pruning Saw (Made in U.S.A.)

Fig. 5049 (No. 4)

Length	16	18	20 in.
PRICE	6/6	7/-	7/6 each

"Little Giant" Pruning Hook and Saw (Made in U.S.A.)

Fig. 5072 (No. 35)

Knife and Saw, both made of best cast steel.

Can be used with or without pole.

Saw can be detached when not required.

Light and very strong.

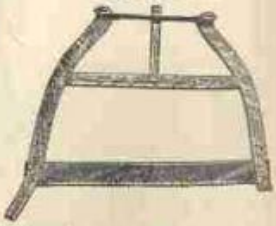
PRICES.

Hook and Saw, Without pole.

11/2 each

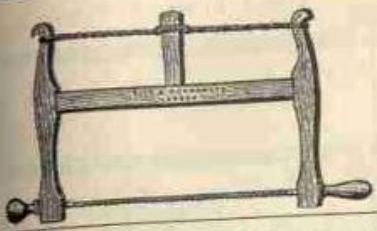
Woodcutter's Bow Saw and Frame

Fig. 5021



Best London-made Beech Frame, 30 in., complete with Cast Steel Saw Blade, 3 in. wide.
Size A, with Peg Tooth .. 7/6; extra blades, 2/6 each
„ B, with Fleam Tooth .. 8/3; „ „ 3/3 „

ROSE TOOLS, INC.



Joiners' Bow Saw or Turning Saw

Beech Frames, Boxwood Handles.

Fig. 5052

Size	8	9	10	12	14	16	18	20 in.
PRICE	7/6	7/6	7/6	8/3	8/9	10/6	12/2	13/8 each
,, Blades only	2/5	2/11	3/2	3/6	4/1	4/8	5/7	6/6 per doz.

"Lightning" Pruning Saw

Fig. 5048

Size	12	14	16	18	20 in.
PRICE	2/10	3/1	3/3	3/6	4/- each

Plumbers' Saw Fig. 6471

Specially adapted for the use of plumbers, carpenters, and others. The fine tooth edge is for cutting metal, and the coarser teeth for cutting wood.

Size	12	14	16	18 in.
PRICE	3/-	3/6	4/-	4/6 each

Salt Saw. Fig. 6472

With Zinc Blade.

Size	14	16 in.
PRICE	1/8	2/- each

With Copper Blade

Size, 16 in. only. PRICE .. .. 3/- each

Compass or Lock Saw

Fig. 5041

Beech Handles.

Size	10	12	14	16 in.
PRICE	1/8	1/10	1/11	2/2 each

Butchers' Bow Saw

Fig. 5050

Size	12	14	16	18	20	22	24 in.
Price, with Wing Nut	6/4	6/4	6/7	6/10	7/2	8/2	8/11 each
,, Blades rivated in	5/4	5/4	5/7	5/11	6/8	7/3	7/9 ,,
,, ,, only	9/-	10/-	10/9	11/9	12/6	13/6	15/- per doz.

Electricians' Brass Back Saw

Fig. 5967

PRICE 11/- per doz.

Jewellers' Brass Back Saw

Fig. 5966

Size	4	5	6 in.
PRICE	11/-	12/-	13/- per doz.

Lock Tooth Pad Saw Handle. Fig. 379

The Blade is securely locked in the handle by means of a knurled thumb screw.

PRICE (without blade) .. .. 1/4 each

Keyhole Saws and Pads. Fig. 5045

	Large	Small
PRICE, Beech, with blade	1/8	1/- each
,, Boxwood ,, ,,	2/5	— ,,

Straw Colour Blades. Special Ground Thin to Back.

Size	8	9	10	11	12	14 in.
PRICE	3/-	3/-	3/-	3/6	3/6	4/- per doz.

ROSE TOOLS, INC.

Folding Saws. (Foreign)

Fig. 5074
Saw only

Artillery Pattern
For cutting down trees.

PRICE, 7/6 each.

Can be furnished with File, Saw-set and Handle, fitted in Leather Case, Artillery pattern.

Price on Application.

Disston's Saw Handles (Made in U.S.A.)

Fig. 5053

Fig. 5054

Fig. 5053.	For Saws	18–20	22–24	26	28	in.
Hand Saws, D7.	Beech ..	—	2/6	2/6	2/6	each
" " D8.	Apple ..	3/3	3/6	4/1	4/9	"
Fig. 5054.	For Saws	..	8–10–12		14–16	in.
Back Saws, Nos. 4 and 5	.. ..		3/6		3/6	each

English Saw Handles

Fig. 5056.	Hand Saw, Beech		1/3 each
Fig. 5057.	Tenon Saw "	open	1/- "
	" " "	closed	1/3 "

English Saw Screws

Fig. 5059

American type, Brass Screw and Nut.
PRICE, 1/6 per doz.

Electro Brassed Mild Steel
PRICE, 1/- per doz.

Hand Fretsaw Frame

Fig. 5965

Fitted with Patent Clamps, out of which the Sawblade cannot possibly slip.
PRICE, 12 in. .. .. 2/6 each.

Fig. 5965 B

Fitted with Patent Lever, to secure correct tension. PRICE, 12 in. .. 3/9 each.

Larger sizes furnished to order.

Fret Saw Blades Fig. 5384 (Foreign)

Overall length, 5 in.

No.	000–6	7–9	10–12	13	16
PRICE	6/-	7/-	11/-	12/-	14/- per gross

Nos. 000–6 suitable for wood only.
" 7–16 " " metal "

Disston's Saw Screws. Fig. 5058

(Made in U.S.A.)

No. 1 No. 2 No. 4 No. 8

Made from Wrought Brass (except No. 8)

		PRICE per doz.	per grs.
No. 1.	Centennial, Brass Screws ..	1/2	13/9
" 2	" " " ..	1/3	14/9
" 3	" " " Small.		
	Warranted Superior ..	2/5	28/3
" 4	Centennial, Brass Screws, Large. Warranted Superior ..	2/7	31/-
" 8	Bright Steel	1/-	12/-

Disston's Saw Sets (Made in U.S.A.)

"Monarch"

Adapted for Hand, Cross-cut, Circular, and all Small Saws.

Fig. 5063

For Saws ½ in. and wider.

PRICE, No. 2. Small .. .. .. 5/6 each
" No. 12. Medium .. .. .. 6/- "

"Triumph" Fig. 5976

The principal feature is the use of two plungers operated by the two levers or handles; pressure on the lower lever forcing the lower plunger against the body of the saw, thus holding it rigidly in position and preventing slipping, whilst a continuation of the pressure on the upper lever operates upper plunger in setting the tooth. The anvil is fitted with four bevelled surfaces, suitable for different series of teeth.

PRICES

No. 8 (large). For Circular and Cross-cut Saws, 12 gauge and lighter	11/6 each
" 18 (medium). For Circular and Cross-cut Saws, 14 gauge and lighter	8/- "
" 28 (small). For Hand Saws, Back Saws, Web Saws, Narrow Band Saws, etc., 10 points to the inch and coarser	6/- "
" 280 (small). For Hand Saws, Back Saws, Web Saws, Narrow Band Saws, etc., from 10 to 16 points to the inch	6/- "

ROSE TOOLS, INC.

Saw Sets

"Roebuck" Saw Set

(Morrill Pattern)

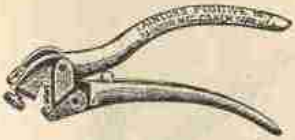
Fig. 5980

British Manufacture. For Hand and Tenon Saws.

PRICE, 4/3 each

Taintor Saw Set (Made in U.S.A.)

Fig. 6441



Made entirely of steel, all parts are interchangeable.

No. 7. **PRICE, 6/6 each.**

HAND Fig. 5067 (A, B & C)

A. Beech Handle. Plain End.

PRICE .. .. 1/4 each

B. Beech Handle. Turnscrew End.

PRICE .. .. 1/5 each

C. Beech Handle. Forked Screw End.

PRICE .. .. 1/6 each

HAND Fig. 5068

Beech Handle. Slide Guard.

Single Edge, 2/4; Double Edge, 2/6 each.

PIT Fig. 5069

Iron Handle, Black.

5-gate, 2/-; 6-gate, 2/2 each.

PIT Fig. 5070

Iron Handle with Hook, Black.

PRICE .. ..2/9 each

Steel Faced Saw Makers' Anvils

Best Quality and Material.

Face is in one piece of cast steel, uniformly tempered.

Perfectly true surface, welded to a forged Iron Base. Any size made to order.

Prices on Application.

Saw Swages

(Jumpers or Upsetting Tools).

For swage or spread tooth saws.

Jaws carefully and effectively hardened.

Prices and Particulars on Application.

Saw Makers' Straight Edges

Bright Ground Tool Steel.

Length from 6 to 60 in.

Prices on Application.

Saw Makers' Hammers

Forged from best Tool Steel.

Truly balanced and with highly polished faces, so as not to damage the most delicate plates.

Best Ash Handles.

Made in Sets comprising one each Dog Head, Cross Face and Twist Face Hammers.

Recommended for wide band saws and circular saws.

Prices and Particulars on Application.

Hand Saw Setting Hammers

Fig. 5968

Heads only, 2/3 each.

ROSE TOOLS, INC.

Carpenters' Braces

Best Quality

Fig. 5221U

Nickel-plated, with Ratchet Unbreakable head and grip. Ball-bearing head. Alligator Jaws.

Sweep	PRICE
8 in.	12/4 each
10 „	13/- „
12 „	13/4 „

Fig. 5221 Nickel-plated. **Fig. 5222**

With hardwood head and handle, sweep and jaws of steel, ball-bearing head, new design registered grip.

With Ratchet.

Sweep	PRICE
8 in.	11/3 each
10 „	12/- „
12 „	12/3 „
14 „	12/6 „

Without Ratchet.

Sweep	PRICE
8 in.	6/9 each
10 „	7/6 „
12 „	7/9 „
14 „	8/- „

With teak head and handle. Ball-bearing head. Sweep and jaws of steel.

Fig. 5223. Polished, with Ratchet.

Sweep	PRICE
5 in.	8/3 each
8 „	8/3 „
10 „	9/- „
12 „	9/3 „

Fig. 5223 N.P. Nickel-plated, add 1/6 to the prices of **Fig. 5223.**

Fig. 5224. Polished, plain jaws. Without Ratchet

Sweep	PRICE
5 in.	3/3 each
8 „	4/- „
10 „	4/6 „
12 „	4/9 „

Fig. 5224A. Alligator jaws, nickel-plated, add 7/9 to prices of **Fig. 5224**

With Beechwood head and handle, sweep and jaws steel. Bright hexagonal grip and plain jaws.

Fig. 5392R
With Ratchet.

Sweep	PRICE
8 in. ..	7/- each
10 „ ..	8/3 „
12 „ ..	8/6 „

Fig. 5392
Without Ratchet

Sweep	PRICE
5 in.	2/6 each
8 „	3/- „
10 „	4/3 „
12 „	4/6 „

Carpenter's "Master" Brace

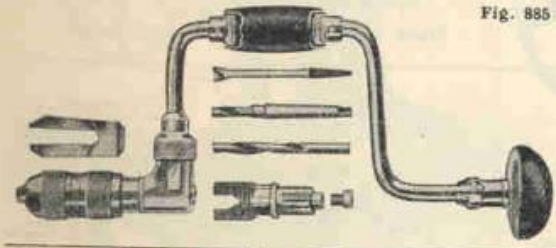


Fig. 885

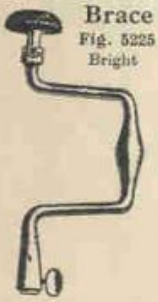
The handle and head are fitted with ball-bearings, and are made of an unbreakable material.

The chuck is of special design and will hold taper, parallel, or bit shanks, it has an Acme thread. Fitted with ratchet action.

Sweep	10	12	14 in.
PRICE..	16/6	16/8	16/10 each

Wagon Builder's Brace

Fig. 5225
Bright



Ball-bearing Head.
12 in. Sweep, 6/8 each
14 „ „ 7/- „

Gasfitter's Brace

Fig. 5228

Bright Iron Head
8 in. Sweep .. 5/- each

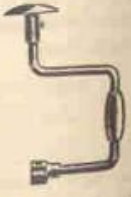
Wine Cooper's Brace

Fig. 5881

Wrought Iron Frame with Thumb Screw.
8 in. Sweep .. 7/3 each
10 „ „ .. 8/3 „

Blacksmith's Brace

Fig. 5227

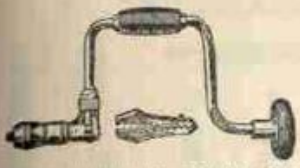


Steel Sweep, Iron Head.
10 in. Sweep .. 6/- each
12 „ „ .. 7/- „

ROSE TOOLS, INC.

Millers Falls Carpenters' Braces (Made in U.S.A.)

Fig. 886



The most popular Ratchet Brace. Ratchet of new design, improved ratchet gear and pawls.

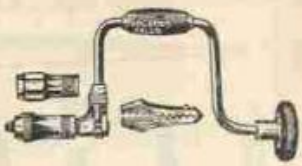
Stained hardwood head and handle. Exposed parts nickel-plated. Chuck with Alligator jaws.

No. 1661	12 in. Sweep,	PRICE	8/4 each
„ 1662	10 „ „	„	8/4 „
„ 1663	8 „ „	„	8/4 „

No. 162, as above but polished instead of nickel-plated

10 in. Sweep. PRICE 8/- each

Fig. 902



An inexpensive series for those whose work does not require the refinements of higher priced Braces.

Nickel-plated. Stained hardwood head and handle. Chuck with Alligator jaws. Ratchet semi-boxed. Plain bearing.

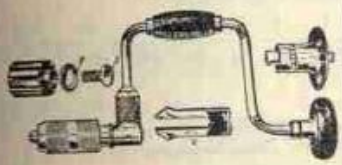
			PRICE
No. 421	12 in. Sweep	..	12/- each
„ 422	10 „ „	..	11/9 „
„ 423	8 „ „	..	11/9 „

Fig. 5240

The "Holdall" Brace. Cocobolo head and handle. Exposed parts polished and nickel-plated. Master Chuck will hold Bit Stock shanks, straight shank drills from ¼ to ½ in., and No. 1 M.T. shank drills. A highly finished Ratchet Brace.

			PRICE
No. 730	14 in. Sweep..	..	21/8 each
„ 731	12 „ „	..	21/3 „
„ 732	10 „ „	..	18/- „
„ 733	8 „ „	..	20/9 „

Fig. 6284



Exactly as Fig. 5240 with the one exception of the Ratchet, which is of the concealed type.

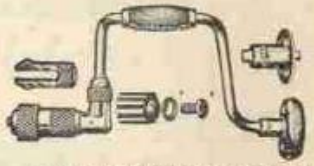
			PRICE
No. 8130	14 in. Sweep,	..	25/- each
„ 8132	10 „ „	..	23/3 „
„ 8133	8 „ „	..	23/3 „

Fig. 5233

Jaws of forged steel, of Alligator pattern for Bit Stock shanks only. Ratchet is boxed pattern with dogs exposed. Head is ball-bearing. Cocobolo handles, other parts nickel-plated.

			PRICE
No. 30	14 in. Sweep	..	20/- each
„ 31	12 „ „	..	19/6 „
„ 32	10 „ „	..	19/3 „
„ 33	8 „ „	..	18/6 „
„ 34	6 „ „	..	18/3 „

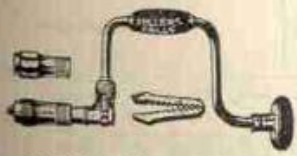
Fig. 6281



A superior quality Ratchet Brace, with ball-bearing head and chuck. Jaws have parallel milled grooves, will hold bit shanks, round from ¼ to ½ in. and No. 1 M.T. shanks. Concealed ratchet. Cocobolo head and handle. Other parts nickel-plated.

			PRICE
No. 769	16 in. Sweep..	..	27/- each
„ 770	14 „ „	..	26/8 „
„ 771	12 „ „	..	26/3 „
„ 772	10 „ „	..	25/6 „
„ 773	8 „ „	..	25/6 „

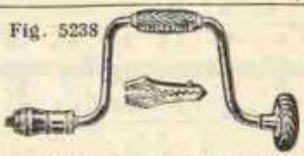
Fig. 5235



This Ratchet Brace has ball-bearing head, open ratchet construction; steel chuck with forged steel alligator jaws. Sweep handle, has metal rings inserted. Head and handle are stained hardwood. Exposed metal parts are polished and nickelled.

No. 321	12 in. Sweep	PRICE	16/3 each
„ 322	10 „ „	„	15/9 „
„ 323	8 „ „	„	15/6 „
„ 223	As above, but without Ratchet, and head not ball-bearing. 8 in. Sweep ..	PRICE	8/9 each

Fig. 5238



A plain Brace of quality. Cocobolo head and handle. Exposed metal parts nickelled. Barber Chuck with Alligator jaws. Ball-bearing head.

			PRICE
No. 12	10 in. Sweep	..	14/6 each
„ 14	6 „ „	..	14/- „

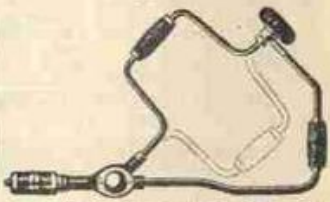
Similar to above with stained hardwood head and handle. Head not ball-bearing.

No. 223 8 in. Sweep, Price 8/9 each.

Similar to No. 223, but lighter construction. Exposed parts polished.

			PRICE
No. 141	12 in. Sweep	..	4/2 each
„ 142	10 „ „	..	3/9 „
„ 143	8 „ „	..	3/9 „

Fig. 4143



The purpose of this tool is to simplify the boring of holes in corners.

Ball-bearing head and free acting handle of hardwood. Master chuck capacity—bit shanks, round from ¼ to ½ in., and No. 1 M.T. shanks. Gears case-hardened and enclosed. Exposed metal parts except hub are nickel-plated.

			PRICE
No.	502	10 in. Sweep ..	30/10 each
„	503	8 „ „ ..	30/- „

ROSE TOOLS, INC.

Best Cast Steel Black Brace Bits

(Can be furnished Bright or Straw Coloured to order)

Fig. 5255

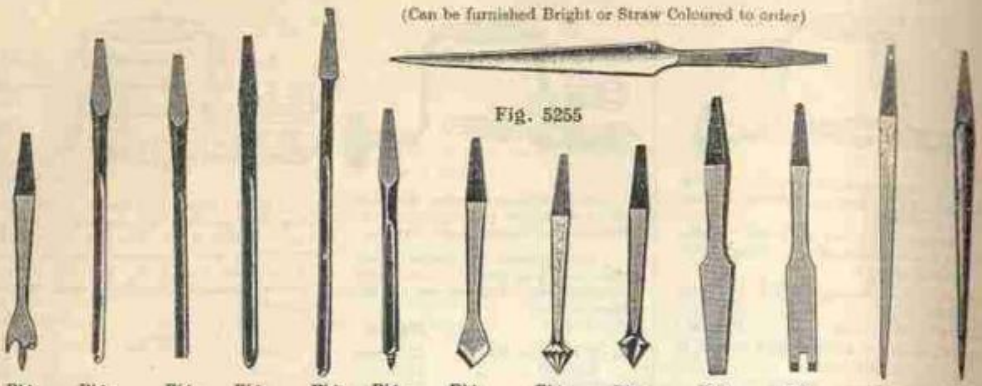


Fig. 5249 Fig. 5250 Fig. 5251 Fig. 5252 Fig. 5253 Fig. 5254 Fig. 5257 Fig. 5258 Fig. 5259 Fig. 5260 Fig. 5261 Fig. 5262 Fig. 5263

Centre Bits. Fig. 5249

Size	¼	⅜	½	⅝	¾	⅞	1	1⅛	1¼	1⅜	1½	1¾	2 in.
Black	4/-	4/-	4/-	4/6	4/6	4/9	4/9	5/-	5/-	5/6	6/-	7/-	8/-	9/-	10/-	12/6	16/- doz.
Size																2¼	2½ in.
Black with two nickers																23/-	30/- doz.

Screw Pin Centre Bits. Fig. 5256.

Centre Plug Bits	1	1⅛	1¼	1⅜	1½ in.
Fig. 5886	14/6	16/-	18/-	21/-	24/- doz.

These are Special. Prices on Application.

Centre Cock Bits	½, ⅝	¾	1	1¼	1½ in.
Fig. 4157	20/-	22/-	24/-	28/-	33/- doz.

Size	⅜	⅜	½	⅝	⅝	⅝	¾	⅞	⅞	1	1	Asstd. ¼ to ½ in.
Shell or Pin Bits, Fig. 5251	6/8	6/8	4/8	4/8	4/8	4/8	4/8	5/-	5/-	5/6	7/-	8/-	5/- dos.
Spoon 5252	6/8	6/8	4/8	4/8	4/8	4/8	4/8	5/-	5/-	5/6	7/-	8/-	5/- "
Nose 5250	6/8	6/8	4/8	4/8	4/8	4/8	4/8	5/-	5/-	5/6	7/-	8/-	— "
Sash 5253	—	—	—	—	5/6	—	5/6	—	6/-	6/6	—	—	— "

Size	¼	⅜	½	⅝	¾	⅞	1 in.
Fig. 5260 Turnscrew Bits, Plain	4/-	4/-	4/6	5/6	6/6	8/6	10/- doz.
" 5261 " " Forked	4/6	4/6	—	—	—	—	— "
" 5257 Countersink Bits, Flat	—	4/6	4/6	5/6	7/-	9/-	10/- "
" 5259 " " Snail	—	5/-	5/-	6/-	9/-	13/-	16/- "
" 5258 " " Rose	—	5/-	5/-	7/-	10/6	14/6	17/- "

Pianoforte Bits. Fig. 5887

Prices on Application

Coopers' Dowel Bits. Fig. 5646

Size up to	⅜	½	⅝	¾ in.
Flat or Square Tangs	7/6	7/9	9/9	11/3 doz.

Chair Bits. Fig. 5888

Size ..	¼	⅜	½	⅝	¾	⅞	1 in.
PRICE	6/9	7/6	9/-	9/9	10/6	12/9	13/6	15/- doz.

Brush Bits. Fig. 5889

No.	1 and 2	3 to 18	19	20
	7/6	6/9	13/6	15/- doz.

Taper Bits. Fig. 5255

Up to	½	¾	⅞	1 in.
	7/6	9/6	11/6	13/6 doz.

	½	⅝	¾	⅞	1	1¼	1½ in.
Fig. 5262 Rimer Bits, Square ..	5/-	5/6	6/6	7/6	—	—	— doz.
" 5263 " " Half-Round ..	5/-	5/-	5/-	12/-	16/-	20/-	24/- "
Boxwood handled Square Rimers, Bright	11/-	—	—	—	—	—	— "
Boxwood handled Taper Bits, Bright	—	—	—	13/-	—	—	— "

Gimlet Bits. Fig. 5254

	⅛	¼	⅜ in.
Up to Shell	5/-	6/-	7/- doz.
Twist	6/9	7/9	8/9 "

ROSE TOOLS, INC.

Brace Bits

Gedge's Pattern Auger Bits. Fig. 5268

Size .. .. in.	¼	5/16	⅜	7/16	½	9/16	⅝	¾	⅞	1	1¼	1½	1¾	2
PRICE .. .. .. per dozen	24/-	24/-	18/-	18/-	18/-	20/-	22/-	24/-	27/-	30/-	34/-	38/-	43/-	48/-

Jennings' Pattern Auger Bits. Fig. 5269

Size	¼	5/16	⅜	7/16	½	9/16	⅝	¾	⅞	1	1¼	1½	1¾	2
Fig. 5269 Auger Bits .. per dozen	24/-	24/-	18/-	18/-	18/-	20/-	22/-	24/-	27/-	30/-	36/-	44/-	50/-	56/-
,, 5269A Dowel Bits .. ,,	23/6	23/6	17/6	17/6	17/6	19/6	21/3	23/3	–	–	–	–	–	–

Solid Wing Auger Bits. Fig. 5270

Size .. .. in.	¼	5/16	⅜	7/16	½	9/16	⅝	¾	⅞	1	1¼	1½	1¾	2
PRICE .. per dozen	18/-	18/-	18/-	18/-	18/-	20/-	22/-	24/-	27/-	30/-	34/-	38/-	43/-	48/-	56/-	66/-

Fig. 5270A Dowel Bits, ¼ to ¾ in. Prices as for Auger Bits.

Solid Wing Auger Bits, Single Twist. Fig. 5272

Size .. .. in.	¼	5/16	⅜	7/16	½	9/16	⅝	¾	⅞	1	1¼	1½	1¾	2
Fig. 5272 Auger Bits .. per dozen	24/-	24/-	18/-	18/-	18/-	20/-	22/-	24/-	27/-	30/-	34/-	38/-	43/-	48/-	56/-	66/-
,, 5272A Dowel Bits, ¼ to ¾ in. Prices as for Auger Bits.																

Scotch Pattern Auger Bits. Fig. 5890

Size .. .. in.	¼	5/16	⅜	7/16	½	9/16	⅝	¾	⅞	1	1¼	1½	1¾	2
Fig. 5890 Auger Bits .. .. .. per dozen	24/-	24/-	18/-	18/-	18/-	20/-	22/-	24/-	27/-	30/-	34/-	38/-	43/-	48/-
,, 5890A Dowel Bits .. .. .. ,,	23/6	23/6	17/6	17/6	17/8	19/6	21/3	23/3	–	–	–	–	–	–

Solid-Centre Stem Auger Bits. Fig. 5884. Solid Wing Nose

Size .. .. in.	¼ to ½	9/16	⅝	11/16	¾	13/16	⅞	15/16	1	1 1/16	1⅛	1 3/16	1¼	1 5/16	1⅜	1 7/16	1½
Fig. 5884 Solid Wing Nose, per doz.	24/9	27/-	30/-	33/-	33/-	36/9	36/9	41/3	41/3	46/6	46/6	52/6	52/6	58/6	58/6	66/-	66/-
,, 5884S Scotch Nose, and Fig. 5884G, Gedges pattern Nose. Prices as above.																	

Solid-Centre Irwin Pattern Nose Bits. Fig. 5885

Size .. .. in.	¼	¼ to ½	9/16	⅝	11/16	¾	13/16 to ⅞	15/16 to 1	1 1/16 to 1⅛	1 3/16 to 1¼	1 5/16 to 1⅜	1 7/16 to 1½
PRICE per dozen	18/9	16/8	18/9	20/10	22/11	25/-	29/2	33/4	37/6	43/9	50/-	58/3	62/6

Bright

Leadbeater's Pattern Wagon Bits. Fig. 5271

Length of Twist, 10 in

Size .. .. in.	¼	5/16	⅜	7/16	½	⅝	¾	⅞	1	1¼	1½	1¾	2
PRICE .. .. per dozen	26/-	26/-	26/-	26/-	26/-	29/-	32/-	35/-	38/-	41/-	44/-	48/-	53/-

Can also be supplied with 12 in. Length of Twist

Wagon Builders' Plate Bits. Fig. 5891

Size .. .. in.	1	1¼	1½	1¾	2	2¼	2½	2¾
PRICE per dozen	28/-	30/-	33/-	36/-	39/-	42/-	48/-	52/-	56/-	62/-	72/-	90/-

ROSE TOOLS, INC.

Brace Bits—*continued.*

Jennings' Extension Lip Auger Bits Fig. 5273 (No. 10) (Made in U.S.A.)

Size	3/16	1/4	5/16	3/8	7/16	1/2	9/16	5/8	11/16	3/4	13/16	7/8 in.
PRICE	25/-	20/10	20/10	20/10	25/-	29/2	34/5	39/7	50/-	58/4	66/8	75/- per doz.

Millers Falls Irwin Pattern Auger Bits (Made in U.S.A.)

Fig. 5275
(M.F. No. 542)

Double Cutters

Size	3/16	1/4, 5/16, 3/8	7/16	1/2	9/16	5/8	11/16, 3/4	13/16, 7/8	15/16, 1	1 1/16, 1 1/8	1 3/16, 1 1/4	1 5/16, 1 3/8	1 7/16, 1 1/2 in.
PRICE	18/9	16/8	18/9	20/10	22/11	25/-	29/2	33/4	37/6	43/9	50/-	56/3	62/6 per doz.

Forstner Auger Bits (Made in U.S.A.)

Fig. 5276

For Smooth, Round, Oval or Square Boring, Scroll and Twist Work.

The Forstner Labour-saving Auger Bit, unlike other bits, is guided by its circular rim, instead of its centre, consequently it will bore any arc of a circle, and can be guided in any direction regardless of grain or knots, leaving a true polished surface.

Size	1/4, 5/16, 3/8	7/16	1/2	9/16	5/8	11/16, 3/4	13/16, 7/8	15/16, 1	1 1/16, 1 1/8	1 3/16, 1 1/4	1 5/16, 1 3/8	1 7/16, 1 1/2	1 5/8	1 3/4	2 in.
Price	4/2	4/7	4/10	5/3	5/8	6/1	6/6	7/11	8/4	9/-	10/3	10/10	12/1	13/9	15/3	16/3	17/6	18/6 each

Larger sizes supplied to order.

Jennings' Extension Lip Auger Bit Sets (Made in U.S.A.)

Fig. 5273 U	(No. 510 Set)	in Upright Wood Case, 13 Bits	from 1/4 to 1 in. by 16ths	Complete £1 19 7
,, 5273 F	(,, 110 ,,)	in Flat Wood Case, 13 Bits	from 1/4 to 1 in. by 16ths	,, 1 15 6
,, 5273 F	(,, 110 ,,)	in Flat Wood Case, 9 Bits	from 1/4 to 3/4 in. by 16ths	,, 1 3 0
,, 5273 R	(,, 710 ,,)	in Flannel lined Canvas Roll, 13 Bits	from 1/4 to 1 in. by 16ths	,, 1 15 6

Millers Falls Irwin Pattern Auger Bit Sets (Made in U.S.A.)

Fig. 5275S

No. 2542A Set.	9 Auger Bits, Fig. 5275, 1/4, 5/16, 3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 1 in. and 1/4 in. Screwdriver Bit in Canvas Roll	Complete	£1 4 2
,, 2542B ,,	13 ,, ,, ,, 1/4, 5/16, 3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4, 13/16, 7/8, and 1 in. ,, ,, ,,	,,	1 15 5

Forstner Auger Bit Sets (Made in U.S.A.)

Fig. 5276S. In Flat Wood Case.

No. 1 Set.	6 Bits, 1/4, 5/16, 3/8, 7/16, 1/2 and 1 in.	Complete	£1 12 3
,, 2 ,,	9 ,, 1/4, 5/16, 3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4, and 1 in.	,,	2 18 3
,, 3 ,,	11 ,, 1/4, 5/16, 3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4, 13/16, 7/8 and 1 in.	,,	3 3 6
,, 4 ,,	17 ,, 1/4, 5/16, 3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4, 13/16, 7/8, 15/16, 1, 1 1/16, 1 1/8, 1 1/4, 1 3/8 in.	,,	5 8 3

Assorted Brace Bits in Sets Fig. 5265

	12	24	36 Bits in each Set
Black	4/8	9/8	16/6 per set
Bright	5/6	11/9	19/6 ,,
Straw Coloured	5/9	12/3	20/6 ,,

Sets of 12, 4 Shell, 1/4 to 1/2 in.; 5 Centre, 5/16 to 1/2 in.; Rose Countersink, Plain Turnscrew, and Square Rimer.

,, 24, 5 Shell, 5/16 to 1/2 in.; Sash, 5/8 in.; 11 Centre, 5/16 to 1 in.; Flat Rose and Snail Countersinks; Drill, 1/4 in.; Plain and Fork Turnscrew; Square Rimer.

,, 36, 9 Shell, 5/16 to 7/16 in.; Sash, 1/2 and 3/4 in.; 15 Centre, 1/4 to 1 1/4 in.; Jennings' Auger 3/4 in.; Flat, Rose and Snail Countersinks; Flat Drill, 1/4 in.; Plain and Fork Turnscrew, Taper, Square Rimer, and Half-round Rimer.

Bit Rolls for Holding Auger and Brace Bits

For Auger Bits

Waterproof Canvas, Baize lined.

Fig. 1236. For 6 Augers, 1/8 each; for 9 Augers, 2/- each; for 13 Augers, 2/6 each.

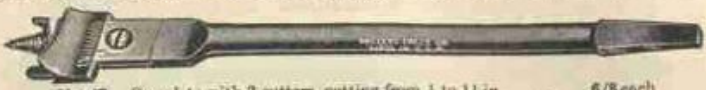
For Brace Bits

Waterproof Canvas. Baize lined.

Fig. 1237. For 18 Bits, 4/- each; for 24 Bits, 4/8 each; for 36 Bits, 5/4 each.

ROSE TOOLS, INC.

Millers Falls Expansive Bits (Made in U.S.A.). Fig. 5291. (M. F. Nos. 47 and 48)



No. 47 Complete with 2 cutters, cutting from ¼ to 1¼ in. .. .. 6/8 each
„ 48 „ „ „ „ „ „ ¼ „ 3 „ .. 9/9 „

EXTRA CUTTERS

No. 1 Cutting ¼ to ⅜ in. .. .. .. 12/6 per doz. | No. 3 Cutting ¼ to 1¼ in. .. .. .. 22/- per doz.
„ 2 „ ⅜ „ 1¼ „ .. .. .. 15/8 „ | „ 4 „ 1¼ „ 3 „ .. .. .. 25/- „

Clark's Improved Expansive Bits (Made in U.S.A.). Fig. 5283

No. 1 Large Size with 2 cutters (Nos. 3 and 4) boring from ¼ to 3 in. .. .. PRICE, 9/- each.
„ 1½ Medium „ „ „ „ (Nos. 1½ and 2½) „ „ ¼ „ 2 „ .. .. „ 7/8 „
„ 2 Small „ „ „ „ (Nos. 1 and 2) „ „ ¼ „ 1½ „ .. .. „ 6/3 „

EXTRA CUTTERS

For No. 1

No. 3 ¼–1½ in. .. 1/10 ea. | No. 6 3½–5 in. .. 4/3 ea.
„ 4 1½–3 „ .. 2/1 „ | „ 7 4½–6 „ .. 5/3 „
„ 5 3–4 „ .. 3/3 „

For No. 1½

No. 1½ ½–1½ in. .. 1/5 ea.
„ 2½ 1½ 2 „ .. 1/9 „

For No. 2

No. 1 ½– ¾ in. .. 1/2 ea.
„ 2 ¾–1½ „ .. 1/4 „

British Made Expansive Bit Fig. 1228

Size A Complete with 2 Cutters, cutting from ¼ to 1½ in. .. .. 6/- each.
„ B „ „ „ „ „ „ ¼ „ 3 „ .. .. 8/8 „

EXTRA CUTTERS

For A Size

No. 1 Cutting ¼ to ⅜ in. .. 1/2 each.
„ 2 „ ⅜ „ 1½ „ .. 1/3 „

For B Size

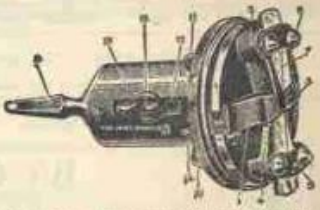
No. 3 Cutting ¼ to 1¼ in. 1/9 each.
„ 4 „ 1¼ „ 3 „ 2/- „
„ 5 Cutting 3 to 4 in. 3/2 each.
„ 6 „ 3½ „ 5 „ 4/2 „
„ 7 „ 4½ „ 6 „ 5/1 „

Ames' Improved Non-Expanding Hollow Auger (Made in U.S.A.) Fig. 5284

Size ..	¼	⅝	½	⅝	¾	⅞ in.
PRICE	6/3	6/3	6/3	7/3	7/3	8/- each.
Size ..	1	1	1¼	1½	1¾	1½ in.
PRICE	9/6	10/-	11/6	12/6	14/-	14/6 each.

These Prices include Auger Bits.

Improved Universal Hollow Auger (Made in U.S.A.) Fig. 5285



Will cut from ¼ to 1½ in., and give satisfaction. Any part can be replaced if broken, as it is all made to gauge.

PRICE .. .. .. 37/6 each.
Extra Cutters .. .. .. 3/9 per pair.

Stanley's Dowel Sharpener (Made in U.S.A.) Fig. 5287

This Tool is the reverse of the countersink, and can be sharpened with equal ease.

PRICE, 2/- each.

Wheeler's Patent Countersink for Wood (Made in U.S.A.) Fig. 5286

This Countersink cuts rapidly, and is easily sharpened by drawing a thin file lengthwise inside of the cutter.
No. 18, 19/9 doz. No. 20, with gauge, 23/6 doz.

ROSE TOOLS, INC.

New Type Centre Bits Fig. 5292

Sizes	1/4	3/8	1/2	5/8	3/4	7/8	1	1 1/8	1 1/4	1 3/8	1 1/2	1 5/8	1 3/4	1 7/8	2 in.
PRICE	8/-	8/6	9/-	9/6	10/-	11/-	12/-	13/-	15/-	17/-	19/-	21/-	24/-	27/-	30/- per doz.

Brace Bits

Swiss Pattern Twist Bits

Fig. 5264

Sizes to	1/4	3/8	1/2	5/8	3/4 in.
PRICE	4/-	5/-	5/-	6/-	6/- per doz.

Wood Drills for Brace (Made in U.S.A.)

For full particulars, see Fig. 868 (Morse No. 392 and 393) Page 50.

Piercing Bits. Fig. 5892

49/6 per gross

Boat Bits. Fig. 5883

Length	4	5	6	7	8	9 in.
All sizes to 5 W.G.	3/9	4/2	4/11	6/-	7/6	9/- per doz.

Millers Falls Bit Gauges (Made in U.S.A.)

Fig. 5289 (No. 1)

This illustration shows the Gauge complete. One bolt with thumb-screw tightens the clamps on the gauge spindle and auger bit at the same time. It will fit any size bit, and exactly gauge the depth of hole to be bored.

PRICE 17/6 doz.

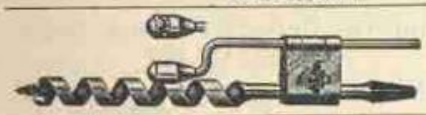


Fig. 6291. (No. 2)

Similar to **Fig. 5289**, with the exception of contact ball revolving on ball bearings. This reduces friction to a minimum and prevents defacing material.

PRICE 2/- each

Fig. 6292. (No. 36)

This gauge is clamped to the twist of the bit and securely held by two thumb screws. Two smooth shoes prevent marring the work.

PRICE 1/8 each

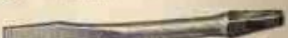
Bit Countersink Fig. 5290

This is adapted to attach to Shell Bits. With the Guard forms a very useful attachment. It will cut at both ends.

For	7/16	1/2	9/16	5/8	11/16	3/4 in. Bits
PRICE, without Guard	3/6	3/6	3/9	4/11	5/3	6/3 each
" with Guard	6/-	6/-	6/8	9/5	10/3	11/- "

Millers Falls Screw Driver Bits (Made in U.S.A.)

Fig. 6294. (Nos. 4–10)



Made from high grade steel carefully hardened and tempered. Points accurately formed.

No.	4	5	6	8	10
Width of point in.	1/4	5/16	3/8	7/16	1/2
For Screw No.	6–8	8–12	12–16	16–20	20–24
PRICE, per dozen, 4 in. long	12/-	12/6	13/-	13/6	15/-

ROSE TOOLS, INC.

Bright Scotch Screw Augers

Fig. 5294

Size	¼ to ½	⅝	¾	⅞	1	1¼	1½	1¾	1½	1¾	1½	2	2¼	2½	2¾	3 in.
Fig. 5294, Eyed	1/11	2/2	2/8	2/11	3/3	3/8	4/2	4/6	5/-	5/4	6/-	6/5	7/1	10/6	13/4	18/4	23/8	each
,, 5295, Tanged	1/6	1/9	2/2	2/5	2/8	3/-	3/5	3/8	4/2	4/5	5/-	5/4	5/11	—	—	—	—	,,

Gedge's Pattern Augers

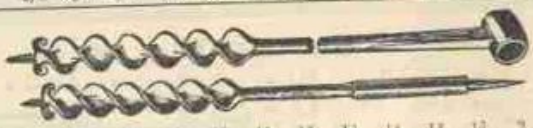


Fig. 5296

Fig. 5297

Size	¼ to ½	⅝	¾	⅞	1	1¼	1½	1¾	1½	1¾	1½	2	2¼	2½	2¾	3 in.
Fig. 5296, Eyed	1/11	2/2	2/8	2/11	3/3	3/8	4/2	4/6	5/-	5/4	6/-	6/5	7/1	10/6	13/4	18/4	23/8	each
,, 5297, Tanged	1/7	1/10	2/2	2/5	2/8	3/-	3/5	3/9	4/3	4/8	5/3	5/6	6/2	8/-	11/6	16/3	21/8	,,

Solid Wing Augers

Fig. 5298

Size	¼ to ½	⅝	¾	⅞	1	1¼	1½	1¾	1½	1¾	1½	2 in.
Fig. 5298, Eyed	1/11	2/2	2/8	2/11	3/3	3/8	4/2	4/6	5/-	5/4	6/-	6/5	7/1	each
,, 5298A, Tanged	1/7	1/10	2/2	2/5	2/8	3/-	3/5	3/9	4/3	4/8	5/3	5/6	6/2	,,

Ladder Augers

Fig. 1569

Fig. 1570

Size	⅜	1	1¼	1½	1¾	1½ in.
Fig. 1569, Tanged	4/1	4/7	5/3	5/10	6/6	7/6 each
,, ,, Eyed	5/3	5/10	6/8	7/6	8/6	9/6 ,,

Size	¼	1	1¼	1½	1¾	1½ in.
Fig. 1570, Tanged	4/1	4/7	5/3	5/10	6/6	7/6 each
,, ,, Eyed	5/3	5/10	6/8	7/6	8/6	9/6 ,,

Shell Augers

Fig. 5300

Size	¼ to ½	⅝	¾	⅞	1	1¼	1½	1¾	1½	1¾	2 in.
Fig. 5299, Eyed	2/5	2/5	2/5	2/8	3/3	3/6	4/-	4/5	5/4	5/10	6/8	8/6	10/10	each
,, 5300, Tanged	1/6	1/6	1/6	1/9	2/3	2/6	2/10	3/2	3/10	4/2	5/-	6/6	8/6	,,

Dodd's Pattern Ship Augers

With Shanks left for welding

Fig. 5301

Size	¼ to ½	⅝	¾	⅞	1	1¼	1½	1¾	1½	1¾	2 in.
PRICE	1/6	1/9	2/3	2/6	2/10	3/2	3/10	4/2	5/-	6/6	8/6	each

Single Twist Ship Augers

Fig. 5302E

Size	½	⅝	¾	⅞	1	1¼	1½	1¾	1½	1¾	1½	2 in.
9 in. Twist Short Shank, not eyed	4/6	4/8	5/2	6/-	6/8	7/2	8/2	8/10	9/6	10/4	11/2	12/2	13/-	14/-	each
9 ,, ,, Long ,, Eyed	5/-	5/2	5/8	6/8	7/4	7/10	9/-	9/8	10/4	11/2	12/-	13/2	14/2	15/4	,,
12 ,, ,, Short ,, not Eyed	5/4	5/8	6/2	7/2	8/-	8/8	9/10	10/8	11/6	12/6	13/6	14/8	15/8	17/-	,,
12 ,, ,, Long ,, Eyed	5/10	6/2	6/8	7/10	8/8	9/4	10/8	11/6	12/4	13/6	14/4	15/8	16/10	18/4	,,

Adjustable Auger Handle (Made in U.S.A.)

Fig. 5303 (M.F. No. 2)

17 in. long, PRICE, 3/9 each

Turned Ash Auger Handles

Fig. 5910

12 in. long, tapered	½ to ½ in.	74 each
12 ,, ,, ,,	¾ ,, ¾ ,,	74 ,,
13 ,, ,, ,,	1 ,, 1¼ ,,	75 ,,
14 ,, ,, ,,	1½ ,, 1¾ ,,	76 ,,

ROSE TOOLS, INC.

Boring Machine Augers Fig. 1329

Suitable for Boring Machines, Figs. 5243 and 5244, ¼ in. diameter Shank.

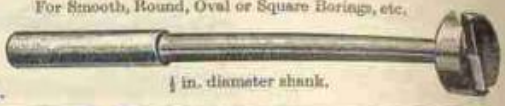
Size ..	¼	⅜	½	⅝	¾	1	1¼	1½	1¾	1¼	1½	2 in.
PRICE	3/6	3/6	3/6	3/10	4/6	5/3	5/11	6/8	7/4	8/4	9/9	11/2 ea.

Forstner Machine Auger Bits Fig. 5277

Size	¼, ⅜	½, ⅝	¾	⅞, 1	1⅛	1¼	1⅜, 1½	1⅝, 1¾ in.
PRICE	5/-	5/5	5/10	6/3	6/6	6/11	7/4	8/9 ea.

Size	1⅞, 1⅛	1¼, 1⅜	1½, 1⅝	1¾	1⅞	1½	1⅝	1¾	2 in.
PRICE	9/2	9/10	11/1	11/8	13/2	14/10	15/3	16/3	17/6	18/6 ea.

For Smooth, Round, Oval or Square Borings, etc.



¼ in. diameter shank.

Machine Centre Bits Fig. 5349

¼ in. diameter Shank.

Size	¼	⅜	½	⅝	¾	⅞	1	1¼	1½	1¾	1½	1¾	1¼	1½	2 ins.
PRICE	1/10	1/11	2/-	2/2	2/3	2/6.	2/8	2/11	3/4	3/10	4/3	4/8	5/4	6/-	6/8 each

Machine Boring Bit Fig. 1331

Unequalled on Ply Woods

This Tool has been designed to meet the demand for a fast, smooth Boring Bit suitable for boring with or across the grain.

The brad point steadies the tool, the spurs outline the hole and the strong double cutters take out the portion outlined by the spur.

This Tool cuts freely and without clogging. Holes can be bored overlapping or at close centres without danger of running or splitting.

It is an ideal Tool for Furniture Factories, Motor Body Builders, Carriage and Wagon Works.

All Tools 5½ in. long overall.

PRICE each

Diameter .. .. in.	¼	⅜	½	⅝	¾	⅞	1	1¼	1½	1¾	1½	1¾	1¼	2	2½	2¾	2¾	3
With ¼ in. diam. shank ..	6/8	6/8	7/-	7/8	8/4	9/8	11/4	12/8	14/-	15/4	17/8	20/-	22/4	24/4	27/-	34/8	43/4	53/4	66/-
,, ⅜ ,, ,, ,, ..	7/8	7/8	7/8	7/8	8/4	9/8	11/4	12/8	14/-	15/4	17/8	20/-	22/4	24/4	27/-	34/8	43/4	53/4	66/-
,, ½ ,, ,, ,, ..	11/4	11/4	11/4	11/4	11/4	11/4	11/4	12/8	14/-	15/4	17/8	20/-	22/4	24/4	27/-	34/8	43/4	53/4	66/-

Dovetailing Bits Fig. 1332

Single Cutting Edge

Double Cutting Edge

Can be supplied with **single or double cutting edge**, these edges are **eccentrically precision relieved** and the flutes are designed so that the cutting edges can be **sharpened with a flat honing stone.** Filing or Grinding, which quickly reduces size and life, should be avoided.

The above are only two of the many types in use at the present time. Bits with Screwed Shanks and all other types can be supplied.

Above show Right-hand cutting, but when ordering it is always advisable to send a pattern, if available, both for shank and direction of rotation.

No.	21	22	23	24	25	16	26	27	15	28	13	29	12	30	in.
Largest diameter ..	⅜	½	⅝	¾	⅞	⅜	½	⅝	¾	⅞	1	1¼	1½	1¾	,,
Pitch or centres	1	1	1	1	1	1	1	1	1	1	1	1	1	1	,,
Depth of cut	½	⅝	¾	⅞	1	½	¾	⅞	1	1⅛	1¼	1½	1¾	2	,,
PRICE, ¼ in. diam. shank ..	6/3	6/3	6/3	7/-	7/-	6/3	7/-	5/6	5/6	5/6	5/6	8/3	9/-	9/-	each
,, Screwed shank ..	7/6	7/6	7/6	8/3	8/3	7/6	8/3	6/9	6/9	6/9	6/9	9/9	10/6	10/6	,,

Same Price for either Single or Double Cutting Edge. Left-hand Cutting Bits are charged extra.

ROSE TOOLS, INC.

Three-Wing Slot Mortice Bits for Wood

Fig. 2275

Diameter	1/8	5/32	3/16	7/32	1/4	5/16	3/8	7/16	1/2 in.
Length overall	3	3¼	4	4½	5	5½	6	6½	7 "
" of Shank	1½	1½	1½	1½	1½	1½	2	2	2 "
Straight Shanks	1/9	2/3	2/9	3/3	4/-	4/9	5/3	6/-	6/9 each.
Shanks, ¼ in. diameter	3/-	3/6	4/-	4/6	4/6	5/-	5/3	6/-	6/9 "
" ⅜ " "	—	—	5/6	5/6	6/-	6/6	6/9	6/9	7/6 "
Diameter	5/16	11/32	3/8	13/32	7/16	15/32	1/2	17/32	9/16 in.
Length overall	6½	6½	7	7½	7½	7½	8	8½	9 "
" of Shank	2	2	2	2	2	2	2	2½	2½ "
Straight Shanks	6/9	7/6	8/3	9/-	9/9	10/6	12/-	15/-	15/- each
Shanks, ¼ in. diameter	6/9	7/6	8/3	9/-	9/9	10/6	12/-	15/-	15/- "
" ⅜ " "	6/9	7/6	8/3	9/-	9/9	10/6	12/-	15/-	15/- "
Diameter		1½	1⅝	1¾	1⅞	1⅞	2	2	2 in.
Length overall		9	9½	10	10½	11	11½	12	12 "
" of Shank		2½	2½	2½	3	3	4	4	4 "
Straight Shanks		18/-	22/-	26/-	31/-	37/-	44/-	55/-	55/- each
Shanks, ¼ in. diameter		18/-	22/-	26/-	31/-	37/-	44/-	55/-	55/- "
" ⅜ " "		18/-	22/-	26/-	31/-	37/-	44/-	55/-	55/- "

Two-Wing Mortice Bits for Wood

Fig. 1330

With Serrated Edge

For fast working, this Tool is without equal, the serrated edge "roughs" the mortice and the smooth edge cleans it up, leaving a smooth slot. This Tool does not require much power and if once tested is sure to be adopted.

All Shanks 2 in. long.

PRICE each

Diameter in.	¼	5/16	⅜	7/16	½	9/16	⅝	11/16	¾	13/16	⅞	1	1¼	1½	1¾	2	2¼	2½	2¾	3
Length overall in.	4	4	4	4	4	4½	4½	4½	4½	4½	4½	4½	5	5	5	5	5	5	5	5
Straight Shank ..	4/4	4/8	5/-	5/3	5/6	6/-	6/6	7/8	8/8	9/6	10/6	11/8	12/8	14/4	18/-	22/-	27/4	33/-	38/4	42/8	50/-
¼ in. diam. Shank ..	5/-	5/-	5/3	5/6	5/8	6/-	6/8	7/8	8/8	9/8	10/6	11/8	12/8	14/4	18/-	22/-	27/4	33/-	38/4	42/8	50/-
⅜ " " " ..	6/-	6/-	6/-	6/4	6/4	6/8	6/8	7/8	8/8	9/8	10/8	11/8	12/8	14/4	18/-	22/-	27/4	33/-	38/4	42/8	50/-
½ " " "	10/-	10/-	10/-	10/4	10/4	10/8	10/8	11/-	11/-	12/-	12/-	12/4	12/8	14/4	18/-	22/-	27/4	33/-	38/4	42/8	50/-

Machine Morticing Chisels

Self-Coring Type
Fig. 5921

Solid Type
Fig. 5920

Size on Cut ..	¼	5/16	⅜	7/16	½	9/16	⅝	¾	⅞	1	1¼	1½	1¾	2	2¼	2½	2¾	3 in.
Price, Fig. 5921	14/-	14/-	14/-	14/-	14/-	14/-	15/-	15/4	17/3	19/4	21/4	23/4	26/8	31/-	35/-	40/-	45/-	50/- each
" " 5920	10/-	10/-	10/-	10/-	10/-	10/8	10/8	11/8	13/-	14/4	17/-	19/8	22/-	24/-	26/-	28/8	32/-	36/- "

As there are so many different Morticing Machines with varying taper sockets, it is essential that correct measurements of the Taper Shank be given when ordering. Either send an old Chisel as a guide, or state exact size of Taper at each end, such measurements having been ascertained by means of a micrometer.

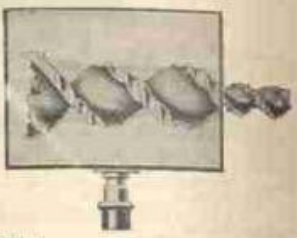
Pinned Shanks and Slotted Shanks are charged extra.

ROSE TOOLS, INC.

Hollow Mortice Chisels and Augers

Fig. 5922

Patent Dog Bit



CHISELS WITH 4 in. BLADE AND AUGERS WITH 6 in. TWIST

Size (Square) and Will Mortice	in.	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\frac{7}{16}$	$\frac{1}{2}$	$\frac{9}{16}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$
	ins. deep	$1\frac{1}{4}$	$1\frac{1}{4}$	$1\frac{1}{4}$	$1\frac{3}{4}$	$1\frac{3}{4}$	$1\frac{3}{4}$	$1\frac{3}{4}$	3	3
PRICE, Chisel only	each	18/3	18/3	18/3	20/-	21/9	23/6	25/-	27/-	29/9
,, Plain Auger only	,,	5/-	5/-	5/-	5/-	5/-	5/6	6/3	7/-	7/6
,, *Patent Dog Bit	,,	7/6	7/6	7/6	7/6	7/6	8/3	9/3	10/6	11/3

CHISELS WITH 8½ in. BLADE AND AUGERS WITH 8½ in. TWIST

Size (Square) and Will Mortice	in.	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\frac{7}{16}$	$\frac{1}{2}$	$\frac{9}{16}$	$\frac{5}{8}$	$\frac{11}{16}$	$\frac{3}{4}$	$\frac{13}{16}$	$\frac{7}{8}$	$\frac{15}{16}$	1	$1\frac{1}{16}$	$1\frac{1}{8}$	$1\frac{3}{16}$	$1\frac{1}{4}$	$1\frac{5}{16}$	$1\frac{3}{8}$	$1\frac{7}{16}$	$1\frac{1}{2}$
	ins. deep	$2\frac{1}{2}$	$2\frac{1}{2}$	$2\frac{1}{2}$	$2\frac{1}{2}$	$2\frac{1}{2}$	$2\frac{1}{2}$	$2\frac{1}{2}$	$2\frac{1}{2}$	$2\frac{1}{2}$	$2\frac{1}{2}$	$2\frac{1}{2}$	$2\frac{1}{2}$	$2\frac{1}{2}$	$2\frac{1}{2}$	$2\frac{1}{2}$	$2\frac{1}{2}$	$2\frac{1}{2}$	$2\frac{1}{2}$	$2\frac{1}{2}$	$2\frac{1}{2}$	$2\frac{1}{2}$
PRICE Chisel only	each	30/-	31/9	33/3	35/-	36/9	38/3	40/-	42/6	47/-	51/9	55/9	60/9	65/9	72/-	78/-	85/-	91/9	100/-	109/-	119/-	129/6	138/-	150/-
,, Plain Auger only	,,	6/3	6/3	6/3	6/9	7/3	7/9	8/3	10/-	11/6	12/6	13/9	15/3	16/3	18/9	20/-	21/9	23/9	25/9	30/3	32/9	35/3	41/9	50/-
,, *Patent Dog Bit	,,	9/3	9/3	9/3	10/-	10/9	11/6	12/6	13/-	17/3	18/3	20/9	23/-	24/6	28/3	30/-	32/9	35/6	38/6	45/3	49/-	53/3	62/6	75/-

Chisels with 2½ and 6 in. Blades and Augers with 4½ and 11 in. Twist respectively, supplied to special order.

* This Bit (illustrated above) has been developed to eliminate breakage of Hollow Chisels through failure of Chisel to discharge chip freely. The serrated edge grinds chip into small particles and overcomes this difficulty. The cutting action eliminates friction and requires less power to drive.

Dimensions of Standard Tools

Chisels			Augers		
Size in.	Length of Blade in.	Length of Shank in.	Dia. of Shank in.	Size in.	Length of Twist in.	Length of Shank in.	Dia. of Shank in.
$\frac{1}{4}$ to $\frac{5}{16}$	4	$1\frac{1}{2}$	$\frac{11}{16}$	$\frac{1}{4}$	6	4	$\frac{1}{2}$
$\frac{3}{8}$,, 1	$6\frac{1}{2}$	$1\frac{1}{2}$	$1\frac{5}{16}$	$\frac{5}{16}$ to $\frac{3}{8}$	6	4	$\frac{1}{2}$
$1\frac{1}{4}$,, $1\frac{1}{4}$	$6\frac{1}{2}$	$1\frac{1}{2}$	$1\frac{11}{16}$	$\frac{7}{16}$,, $\frac{1}{2}$	6	4	$\frac{1}{2}$
$1\frac{1}{2}$,, 2	$6\frac{1}{2}$	$1\frac{1}{2}$	$2\frac{1}{16}$	$\frac{9}{16}$,, $1\frac{1}{4}$	$8\frac{1}{2}$	4	$\frac{1}{2}$
$2\frac{1}{4}$,, $2\frac{1}{4}$	8	2	$2\frac{1}{2}$	$1\frac{1}{2}$,, 2	10	4	$\frac{1}{2}$
$2\frac{1}{2}$,, 3	8	2	3	$2\frac{1}{4}$,, 3	11	4	$\frac{1}{2}$

Hollow Chisel and Bit Bushings

Fig. 1404
Split Chisel Bushings

Fig. 1405
Split Bit Bushings

Outside dia. in.	Dia. of Hole, in.	Price each	Outside dia. in.	Dia. of Hole, in.	Price each
$\frac{3}{8}$, $\frac{1}{2}$	$\frac{1}{4}$, $\frac{5}{16}$	9/8	$\frac{11}{16}$	$\frac{3}{8}$, $\frac{7}{16}$, $\frac{1}{2}$	4/4
$\frac{11}{16}$, $\frac{5}{8}$	$\frac{1}{4}$, $\frac{5}{16}$, $\frac{3}{8}$, $\frac{7}{16}$	11/-	$\frac{3}{4}$	$\frac{3}{8}$, $\frac{7}{16}$, $\frac{1}{2}$, $\frac{11}{16}$, $\frac{5}{8}$, $\frac{3}{4}$	5/8
$\frac{3}{4}$	$\frac{1}{4}$, $\frac{5}{16}$, $\frac{3}{8}$, $\frac{7}{16}$, $\frac{1}{2}$, $1\frac{1}{4}$	12/4	$\frac{7}{8}$	$\frac{3}{8}$, $\frac{7}{16}$, $\frac{1}{2}$, $\frac{11}{16}$, $\frac{5}{8}$, $\frac{3}{4}$, $\frac{7}{8}$	7/4
$1\frac{1}{8}$, $1\frac{1}{4}$	$\frac{1}{4}$, $\frac{5}{16}$, $\frac{3}{8}$, $\frac{7}{16}$, $\frac{1}{2}$, $\frac{5}{8}$, $\frac{3}{4}$, $1\frac{1}{4}$	14/-	1	$\frac{3}{4}$, 1	9/4
$1\frac{1}{2}$, $2\frac{1}{16}$	$\frac{1}{4}$, $\frac{5}{16}$, $\frac{3}{8}$, $\frac{7}{16}$, $\frac{1}{2}$, $\frac{5}{8}$, $\frac{3}{4}$, $1\frac{1}{4}$, $1\frac{1}{2}$, $1\frac{11}{16}$	15/4			
$2\frac{1}{2}$	$\frac{1}{4}$, $\frac{5}{16}$, $\frac{3}{8}$, $\frac{7}{16}$, $\frac{1}{2}$, $\frac{5}{8}$, $\frac{3}{4}$, $1\frac{1}{4}$, $1\frac{1}{2}$, $1\frac{11}{16}$, $2\frac{1}{16}$	16/8			

Split Chisel Bushing

Split Bit Bushing

Closed End Bushings can also be supplied if required, **Prices on application.**

Countersinking Tool for Hollow Chisel Mouths

Fig. 1333

High Speed Steel

The adoption of this Countersinking Tool for sharpening Chisels eliminates the installation of special machinery for this purpose. It is simple to use and considerably reduces the amount of filing. The tool is maintained centrally with the axis of the Chisel by means of a pilot which fits the hole of the respective size of Chisel to be sharpened and this ensures all four cutting edges of the Chisel being sharpened evenly, the bevel being the same until the cutting edges are brought up to a knife edge. The corners of the Chisels are finished off with a file.

For Chisels	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\frac{7}{16}$	$\frac{1}{2}$	$\frac{9}{16}$	$\frac{5}{8}$	$\frac{11}{16}$	$\frac{3}{4}$	$\frac{13}{16}$	$\frac{7}{8}$	$\frac{15}{16}$	1	$1\frac{1}{16}$	$1\frac{1}{8}$	$1\frac{3}{16}$	$1\frac{1}{4}$	$1\frac{5}{16}$	$1\frac{3}{8}$	$1\frac{7}{16}$	$1\frac{1}{2}$	2 ins.
PRICE	6/9	7/-	7/6	8/-	8/6	9/-	9/6	10/3	11/-	11/9	12/6	13/6	14/6	16/6	20/-	26/-	32/-	40/-	47/-	55/-	65/-	each

ROSE TOOLS, INC.

Gimlets and Awls

Best Cast Steel Shell Gimlets

Fig. 5305. Assorted to ½ in., /5 each; 4/2 doz.

Best Cast Steel Shell Spike Gimlets

Fig. 5306

Size ..	¼	⅜	½	⅝	¾ in.
PRICE ..	5/6	9/-	11/-	18/-	24/- doz.

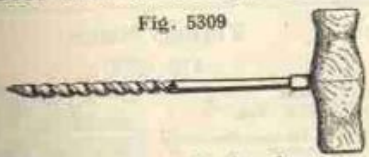
Best Cast Steel Twist Spike Gimlets

Fig. 5308

Size ..	¼	⅜	½	⅝	¾ in.
PRICE ..	5/6	9/-	11/-	18/-	24/- doz.

Best Cast Steel Auger Gimlets

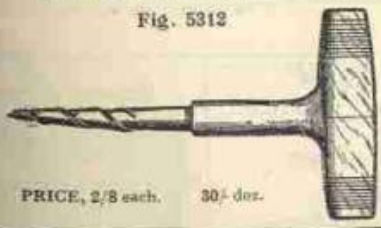
Fig. 5309



Size ..	¼	⅜	½	⅝	¾ in.
PRICE ..	8/6	9/-	9/-	10/6	12/- doz.

Brewers' or Dock Frets

Fig. 5312



PRICE, 2/8 each. 30/- doz.

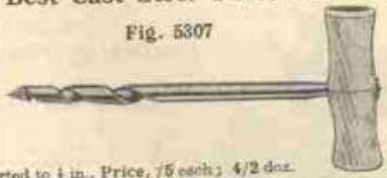
Bradawls. Fig. 5316

Ash or Beech Handled.

PRICE .. .. /4 each .. 3/9 doz.
Bradawl Blades .. .. .. 1/6 ..

Best Cast Steel Twist Gimlets

Fig. 5307



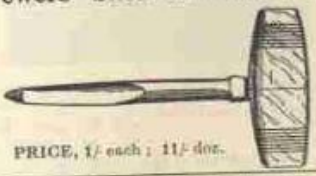
Assorted to ¼ in., Price, /5 each; 4/2 doz.

Steel Handle Gimlets Fig. 1406

Absolutely Unbreakable

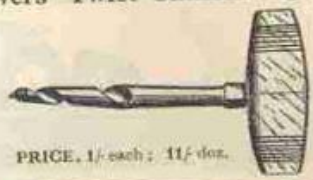
Size ..	⅛	¼	⅜	½	⅝	¾	⅞ in.
PRICE	5/-	5/6	6/-	7/-	7/6	8/6	9/- doz.

Brewers' Shell Gimlets. Fig. 5310



PRICE, 1/- each; 11/- doz.

Brewers' Twist Gimlets. Fig. 5311



PRICE, 1/- each; 11/- doz.

Wine Frets

Fig. 5313

PRICE, 2/2 each; 24/- doz.

Bellhangers' Shell Gimlets Fig. 5314

Length ..	..	12	18	24	30	36 in.
Size ⅛ or ¼ in.	..	1/1	1/2	1/3	1/4	1/6 each
,, ⅜ in.	..	1/2	1/3	1/4	1/6	1/8 ,,
,, ½ ,,	..	1/3	1/4	1/5	1/7	1/9 ,,

Flooring Awls. Fig. 5317

Ash or Beech Handled.

PRICE .. .. 6/- doz.

Flooring Awl Blades

PRICE .. .. /4½ each .. .. 4/- ,,

ROSE TOOLS, INC.

Wood Bench Planes

Smoothing Planes

Fig. 5076

Width of Iron, up to	2	2¼	*2½	2¾	2¼ in.
A With Best Cast Steel, Brass Nutted, Double Irons	7/6	8/-	8/6	9/6	10/6 each
B „ Single Irons	5/-	5/6	5/6	6/6	7/6 „
C „ Best Cast Steel Double Irons and Movable Iron Front	17/-	18/-	19/-	—	— „
D „ Best Cast Steel Double Irons and Iron Shoe Sole	21/-	22/-	23/-	—	— „
G „ Gents' to 1¼ in., Single Iron					4/6 „
H „ Cabinetmakers' Low Pitch, to 2 in. Single Iron					6/6 „

Any of the above fitted with Parallel Irons .. 7/6 each, extra.

Compass Smoothing Planes

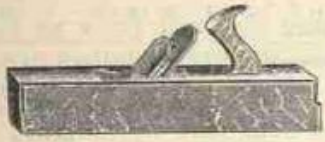
Fig. 5077

A With Best Cast Steel, Brass Nutted, Double Irons, 2 in.	8/6 each
B Do., and Screw Stop, 2 in.	17/- „
C Do., and Boxwood T Stop, 2 in.	17/- „

Fig. 5077H Concave with Best C.S. Double Irons, 1¼ in. 8/6 „

Fig. 5076M Mast Smoothing Plane, to 2½ in., Best C.S. Double Irons .. .. 15/- „

Jack Planes. Fig. 5078



Width of Iron, up to	2	2¼	2½	2¾	2¼ in.
A With Best Cast Steel, Brass Nutted Double Irons	9/6	10/-	10/6	12/-	13/- each
B „ Single Irons	7/-	7/-	7/6	9/6	9/6 „

Fig. 5076G. Gents' Jack Plane, to 2¼ in., Single Iron .. .. 6/6 „

Fig. 5076J. Jack Badger Plane, to 2¼ in., Best C.S. Irons 19/- „

Technical or Sunk Handle Jack Planes

Fig. 5079

With Best C.S. Double Irons and Boxwood Striking Knob, to 11 in. long

Width of Iron, 2 in., 12/6 ; 2¼ in., 13/- ; 2½ in., 13/6 each

Fig. 5076F. Panel Planes to 16 in. long × to 2¼ in., C.S. Irons

Square Mouth	12/- each
Do., do., if slipped	13/- „
Do., Skew Mouth	15/- „
Do., do., if slipped	16/- „

Trying Planes

Fig. 5080

Length of Stock	22	24	26	28	30 in.
Regular Width of Iron	2¼	2¼	2¼	2¼	2¼ „
With Best Cast Steel, Brass Nutted Double Irons	13/6	14/-	15/-	16/-	17/- each

Standard Stock size, 22 in. × 2¼ in.

Shuting Planes. Fig. 5871

A With Handle on side, square mouth, 22 in. long × 3 in., C.S. Single Iron	27/- each
B Do., do., but with Skew Mouth	31/- „
C Do., do., do. but with plate on face	48/- „

Coopers' Jointer Planes

See Coopers' Tools

Toothing Planes

Fig. 5091

With one coarse or fine Iron, to 2 in. .. .. 6/6 each
Do., with 2 Irons 9/- „

Old Woman's Tooth Planes

Fig. 5087R

Router Pattern.

Price, without Iron, 3/6 each.

Fig. 5087S

Smoothing Pattern.

A Without Iron	4/6 each
B With Iron	5/6 „

Rabbet Planes

Fig. 5086

Fig. 5086A Square Rabbet Up to	½	¾	1	2 in.	
PRICE	3/-	4/-	5/-	6/- each	
Fig. 5086B Skew Rabbet. Same Prices					

Fig. 5086C Side Rabbet .. 12/- per pr.

ROSE TOOLS, INC.

Wood Planes—*continued*

Hollow and Round Planes

Fig. 5082

Hollow Plane

A. Square Mouth, to No. 15 or 1¼ in. .. 8/8 per pair
B. Skew Mouth „ „ „ .. 9/8 „
Every ⅛ in. above No. 15 .. .. 7/8 per pair extra
A. Square Mouth, Half Set of 9 pairs, 2 to 18 .. 80/-
„ „ Full „ 18 „ „ .. 160/-
B. Skew Mouth, Half Set of 9 pairs, 2 to 18 .. 89/-
„ „ Full „ 18 „ „ .. 178/-
Side Rounds .. .. 9/4 per pair

Round Plane

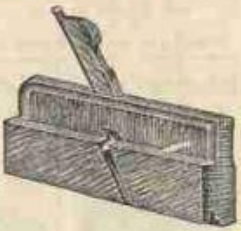
Grooving or Match Planes

Fig. 5081

Grooving Plane
Fig. 5081 A or C.

	To ¾	½	1 inch
A. Tonguing and Grooving Planes	11/-	11/8	12/- per pair
B. Do. do. with Solid Handles	24/-	25/-	26/- „

C. Grooving Plane for Drawer Bottoms,
with steel plate .. .. right hand, 6/- each
„ „ .. .. left „ 6,6 „
D. Moving Tonguing and Grooving,
with 3 pairs irons, 26/- pair



Tonguing Plane.

Plough Planes

Fig. 5085

Fig. 5085 A

O. Plough Plane, with screw stop and 8 bright irons, 30/- ea.
A. „ „ capped stems and 8 bright irons, 35/- „
B. „ „ improved stop, extra work on fence and with 8 bright irons, 42/- „
C. „ „ beech screw stems, with 8 bright irons .. .. 46/- „
D. „ „ box screw stems, with 8 bright irons 54/- „

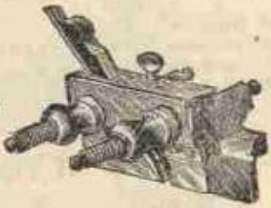
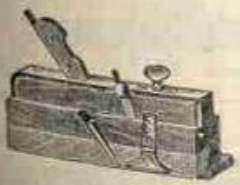


Fig. 5085 D

Moving Filletster Planes

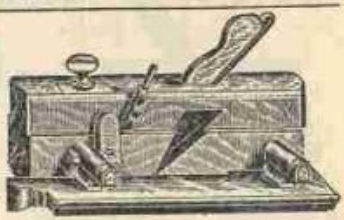
Fig. 5084



A. Moving Filletster Plane, brass slip stop, with tooth and boxed .. .. .. 18/- ea.
B. „ brass screw stop, shoulder boxed and forked tooth .. .. .. 20/- „
C. „ as B., but with improved fence .. 21/6 „
D. „ as C., but dovetail boxed .. 23/- „

Sash Filletster Planes

Fig. 5083



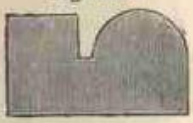
A. Sash Filletster, wood stop .. .. .. 13/- ea
B. „ brass screw stop .. .. .. 19/- „
C. „ „ and capped stems .. .. 24/- „
D. „ shoulder boxed, left-hand, forked tooth and improved stop .. .. 36/- „
E. „ as D., but with dovetailed boxwood face 42/- „
Boxwood Fence .. .. 4/- each extra.

ROSE TOOLS, INC.

Moulding Planes

Diagrams shew the Pattern of Mould produced. Other patterns to order.

Bead Planes
Fig. 5096



A Bead Plane, Boxed to ½ in. 5/- each
B Bead Plane, Slipped to ½ in. 6/- each
C Bead Plane, Double boxed, to ½ in., 6/- each
D Bead Plane, Double boxed and slipped to ½ in. 7/- each
Every ¼ in. above, 7/6 extra

Cabinet Ovalo Planes
Fig. 5098A

Ovalo Plane, to ½ in. 5/- each
Every ¼ in. above, 7/6 extra
Ovalo Plane, Solid Boxed to ½ in., 7/- each

Cabinet Ogee Planes
Fig. 5098B

Ogee Plane, to ½ in. 5/- each
Every ¼ in. above, 7/6 extra

Quirk Ogee Planes
Fig. 5099

Quirk Ogee Plane, to 1 in. 7/- each
Every ¼ in. above, 7/8 extra

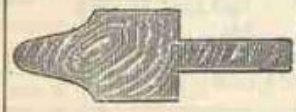
Reed or Centre Bead Planes
Fig. 5097

All sizes to ¾ in. reeds

	Each
A Single reed	6/8
B Two reeds	7/8
C Three reeds	9/-

Bevelled Quirks, 7/6 extra

Lamb Tongue Sash Planes
Fig. 5101



With Templates
To ¾×1¼, 1¾ or 2 in., 16/- pair
Every ¼ in. above, 1/- pair extra

Ovalo Sash Planes
Fig. 5102

A With templates, to ¾ × 1¼, 1¾ or 2 in. .. 14/- pair
B With improved brass end templates, to ¾×1¼, 1¾ or 2 in. .. 24/- pair
Every ¼ in. above, 1/- pair extra

Ovalo Sash Templates
Fig. 5102T

3/- pair

Stick Traps
Fig. 5960

With one Cutter and Plated Mouth, 30/- each

Coachmakers' Planes and Routers

T Rabbet Plane Fig. 5103

	Each
A Straight, to 1¼ in.	8/-
B Dovetail Boxed Face	12/-

Fig. 5104 Compassed

A Compassed, to 1¼ in.	9/-
B Dovetail Boxed Face	13/-

Every ¼ in. over 1¼ in. 7/6 extra

Coach Door Rabbet Planes

Fig.	
5105A	Square Mouth, 6/- each
5105B	Skew Mouth, 6/6 ..

Coach Door Smooth Plane
Fig. 5106

9/6 each
If Plated at Mouth, 13/6 each

Coach Door Jack Plane
Fig. 5107

To 2 in.	13/- each
If Plated at Mouth	17/- ..

Boxing Router
Fig. 5110

With Iron .. .. .. 7/- each

Beading Router
Fig 5109

With one pair irons .. .. 16/- each
Extra Irons, 2/6 per pair

Jigger Router Fig. 5111

24/- each

London Pattern Fence Router
Fig. 5114 (Left Hand)

With Thumbscrew, 32/- per pair

ROSE TOOLS, INC.

Millers Falls Adjustable Iron Planes (Made in U.S.A.)

Bottoms and frogs of these planes are of fine grey iron castings, suitably ribbed to prevent springing. Plane irons are special crucible cast steel. Handles and knobs of selected rosewood.

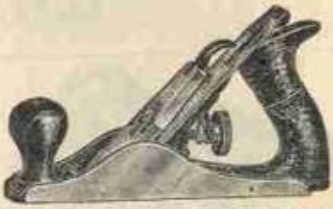
Plane bottoms bright finish on bottom and sides with top enamelled black. Frogs enamelled red. Lever cap polished and nickel-plated.

Lever cap of two-piece design clamping the plane iron securely to the frog and preventing chattering. One-piece lateral adjusting lever of pressed metal.

Fig. 6455

Smoothing

Handles and Knobs selected Rosewood.
End and Side adjustment of cutters.



				PRICE
No. 7.	Length, 7 in.;	Cutter, 1¾ in. wide.	Weight, 2½ lb.	13/6 each
„ 8.	„ 8 „ ;	„ 1¾ „ „	„ 3¼ „	12/3 „
„ 8C.	As No. 8, but with corrugated bottom			12/9 „
„ 9.	Length, 9 in.;	Cutter, 2 in. wide.	Weight, 3¾ lb.	12/6 „
„ 10.	„ 10 „ ;	„ 2⅜ „ „	„ 4¼ „	15/6 „
„ 9C.	As No. 9, but with corrugated bottom			13/6 „
„ 10C.	„ 10. „ „	„		16/9 „

Jack

					PRICE
No. 11.	Length, 11½ in.;	Cutter, 1¾ in. wide.	Weight, 3¾ lb.		15/3 each
„ 14.	„ 14 „ ;	„ 2 „ „	„ 4¼ „		15/6 „
„ 15.	„ 15 „ ;	„ 2¼ „ „	„ 6¼ „		18/- „
„ 14C.	As No. 14, but with corrugated bottom				16/- „
„ 15C.	„ 15 „ „	„			19/- „

Fore

				PRICE
No. 18.	Length, 18 in.;	Cutter, 2⅜ in. wide.	Weight, 6¼ lb.	20/- each
„ 18C.	As No. 18, but with corrugated bottom			21/- „

Jointer

					PRICE
No. 22.	Length, 22 in.;	Cutter, 2⅜ in. wide.	Weight, 8¼ lb.		25/- each
„ 24.	„ 24 „ ;	„ 2⅜ „ „	„ 9¼ „		26/6 „
„ 22C.	As No. 22, but with corrugated bottom				31/- „
„ 24C.	„ 24 „	„ „			

Millers Falls Adjustable Block Planes (Made in U.S.A.)

Fig. 6456

End and side adjustment of cutters. Adjustable throat.

Japanned Trimming

					PRICE
No. 16.	Length, 6 in.;	Cutter, 1⅝ in. wide.	Weight, 1¼ lb.		8/- each
„ 17.	„ 7 „ ;	„ 1⅝ „ „	„ 1¾ „		10/- „

Nickel Trimming

					PRICE
*No. 26.	Length, 6 in.;	Cutter, 1⅝ in. wide.	Weight, 1¼ lb.		10/9 each
* „ 27.	„ 7 „ ;	„ 1⅝ „ „	„ 1¾ „		11/6 „
„ 36.	„ 6 „ ;	„ 1⅝ „ „	„ 1¼ „		11/6 „
„ 37.	„ 7 „ ;	„ 1¾ „ „	„ 1¾ „		12/6 „

* These Planes have Caps same shape as Nos. 16 and 17.

ROSE TOOLS, INC.

Millers Falls Adjustable Block Planes (Made in U.S.A.)

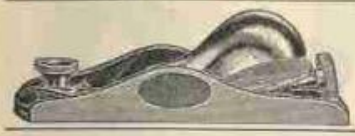
Fig. 6456 *(continued)*

Low Angle. Adjustable Throat

		PRICE
No. 56.	Length, 6 in.; Cutter, 1⅝ in. wide. Weight, 1¼ lb.	9/6 each
„ 57.	„ 7 „ ; „ 1⅝ „ „ „ 1¼ „	10/9 „

Nickel Trimming

No. 46. Length, 6 in.; Cutter, 1⅝ in. wide. Weight, 1¼ lb. 11/- each

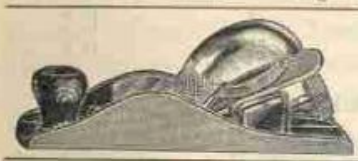


Low Angle. Adjustable Throat

No. 47. Length, 7 in.; Cutter, 1⅝ in. wide. Weight, 1¼ lb.
Nickel trimming. **PRICE 13/-** each

Low Angle. Non-Adjustable Throat

No. 66. Length, 6 in.; Cutter, 1⅝ in. wide. Weight, 1¼ lb.
Nickel trimming. **PRICE 10/-** each



Block and Rabbet Plane

No. 07. Length, 7 in.; Cutter, 1⅝ in. wide. Weight, 1¼ lb.
Japan trimming. **PRICE 10/9** each
Changed from a Block to a Rabbet Plane by removing sides.
Has a skew cutter.

Lever Adjustment

No. 55. Length, 5½ in., Cutter, 1⅝ in. wide. Weight, ¾ lb.
PRICE 4/2 each

Lever Adjustment

No. 97. Length, 7 in.; Cutter, 1⅝ in. wide. Weight, 1¼ lb.
PRICE 5/10 each

Screw Adjustment

No. 75. Length, 7 in., Cutter 1⅝ in. wide. Weight, 1¼ lb.
PRICE 5/10 each

Screw Adjustment

No. 45. Length, 5½ in.; Cutter, 1⅝ in. Weight, 1¼ lb.
PRICE 6/6 each

Non-Adjustable. Fig. 6456 N

No. 5. Length, 5½ in.; Cutter, 1⅝ in. wide. Weight, ¾ lb.
PRICE 2/9 each

No. 5

No. 87

No. 87. Length, 7 in.; Cutter, 1⅝ in. wide. Weight, 1¼ lb.
PRICE 3/9 each

ROSE TOOLS, INC.

Millers Falls Non-adjustable Block Planes (Made in U.S.A.)

Fig. 6456N *(continued.)*

No. 33

No. 3

PRICE 2/- each
" 1/9 "

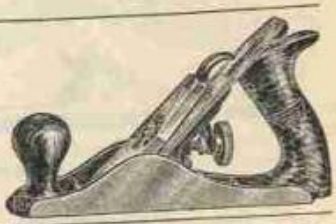
No. 3. Length, 3½ in.; Cutter, 1 in. wide. Weight, ¾ lb.
" 33. " 3½ " ; " 1 " " " ¼ "

No. 68. Height, 8 in.; Cutter 1⅝ in. wide. Weight, 1⅝ lb.

PRICE 6/6 each

With two Slots and two cutter seats

Millers Falls Scrub Planes Fig. 6457

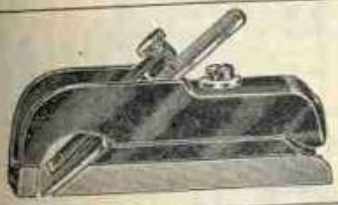


Handles and knobs of hard wood. Cutter extra heavy with round cutting edge.

No. 9½. Length, 9½ in.; Cutter 1⅝ in. wide. Weight, 2½ lb.
PRICE 8/6 each

No. 10½. Length, 10½ in.; Cutter 1⅝ in. wide. Weight 2¼ lb.
PRICE 10/6 each

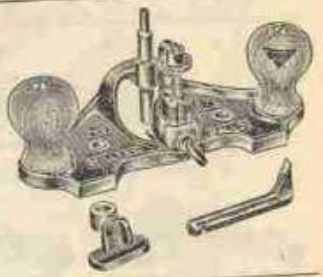
Millers Falls Bull Nose Rabbet Planes Fig. 6458



Especially adapted for working in close quarters. Japanned finish.

No. 4. Length, 4 in.; Cutter 1 in. wide. Weight, ⅝ lb.
PRICE 2/6 each

Millers Falls Router Planes Fig. 6459

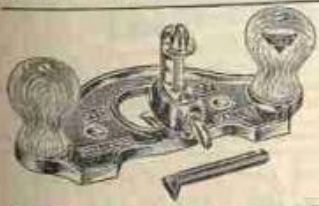


No. 67. Length, 7½ in.; two Cutters (one each, ¼ and ½ in.), nickel plated. PRICE 15/- each
Weight, 2½ lb.

Cutters can be held on front of cutter post for regular work or on back for bull nose work. An attachment is furnished for closing throat for narrow surface work and regulating depth of cut.

Millers Falls Router Planes

Fig. 6459a



No. 77. Length, 7½ in.; two Cutters (one each, ¼ and ½ in.), nickel plated. Weight, 2½ lb. PRICE 12/- each

Millers Falls Scraper Planes, Double Handle, Fig. 6460

No. 64. Length, 6½ in.; Cutter, 2⅛ in. Japanned. Rosewood handle PRICE 18/9 each
Weight, 3¼ lb.

With Wood Bottom

No. 65. Length, 6½ in.; Cutter, 2⅛ in. Japanned. Weight, 4 lb.
PRICE 25/9 each. Extra Rosewood bottoms 2/3 each.

ROSE TOOLS, INC.

Stanley Rule and Level Co.'s Adjustable Planes (Made in U.S.A.)

"Bailey" Planes. Fig. 5118

No. 4. "Bailey" Smooth Plane

The "Bailey" Plane as now made gives the cutter a firm resting place on the frog, which rests on machined surfaces, and is fastened by two screws to bosses cast in bottom of plane, on either side of a very strong rib, making in effect one solid piece from cap to bottom.

No. 602. "Bed Rock" Smooth Plane

"Bed-Rock" Planes. Fig. 5852

The bottom of the frog is machined so as to make it a tongue which fits into a groove formed in the bottom of the Plane, ensuring great solidity and perfect alignment. Screw adjustment for opening or closing the throat.

The Cutters are the same in both planes, made of a thin parallel steel of high quality.

No. 6. "Bailey" Fore Plane

No. 605. "Bed Rock" Jack Plane

"Bailey" Lever Caps .. 2/1 each

"Bed Rock" Lever Caps .. 2/6 each

With Corrugated Bottoms

"C" added to number denotes this type.

Prices as below

Iron Planes, with Rosewood Handles and Knobs

			"Bailey." Fig. 5118			"Bed Rock" Fig. 5852			
Smooth,	5½ in. long, 1¾ in. Cutter	No. 1	12/6	—	—	—	—	—	—
,,	7¼ ,, ,, 1¾ ,, ,, ...	,, 2	13/6	—	—	No. 602	14/6	—	—
,,	8 ,, ,, 1¾ ,, ,, ...	,, 3	12/3	No. 3 C	12/9	,, 603	14/9	No. 603 C	15/9
,,	9 ,, ,, 2 ,, ,, ...	,, 4	12/6	,, 4 C	13/6	,, 604	16/3	,, 604 C	17/-
,,	10 ,, ,, 2¼ ,, ,, ...	,, 4½	15/6	,, 4½C	16/9	,, 604½	18/9	,, 604½C	19/9
Jack	14 ,, ,, 2 ,, ,, ...	,, 5	15/6	,, 5 C	16/-	,, 605	18/9	,, 605 C	19/9
,,	15 ,, ,, 2¼ ,, ,, ...	,, 5½	18/-	,, 5½C	18/-	,, 605½	21/6	,, 605½C	22/6
Fore,	18 ,, ,, 2½ ,, ,, ...	,, 6	20/-	,, 6 C	21/-	,, 606	24/6	,, 606 C	25/6
Jointer,	22 ,, ,, 2½ ,, ,, ...	,, 7	25/-	,, 7 C	25/6	,, 607	27/6	,, 607 C	28/9
,,	24 ,, ,, 2½ ,, ,, ...	,, 8	30/-	,, 8 C	31/-	,, 608	32/6	,, 608 C	34/3

Plane Irons. Fig. 5119 To suit above Planes

Size	1¼	1¾	1½	2	2¼	2½	2¾	2¾ in.
PRICE, Single	1/6	1/9	2/3	2/3	2/6	2/9	2/9	2/9 each
,, Double	2/9	3/3	3/3	3/9	4/-	4/3	4/3	4/6 ,,

Block Planes. Fig. 5120

Nos. 9½ and 15

Nos. 9½ and 15½

No. 9½. Japan Trimmings, 6 in. long, 1¾ in. Cutter 8/- each
,, 15. ,, ,, 7 ,, ,, 1¾ ,, ,, 10/- ,,
,, 16. Nickel ,, 6 ,, ,, 1¾ ,, ,, 10/9 ,,
,, 17. ,, ,, 7 ,, ,, 1¾ ,, ,, 11/6 ,,
Cutters, 21/- per doz.; Lever Caps, Nos. 9½, 15, 7/9; Nos. 16, 17, 1/3 each

Knuckle-Joint Block Planes

Fig. 5121 (Nos. 18 and 19)

Nickel Fittings

No. 18. 6 in. long, 1¾ in. Cutter .. .. .. 11/6 each
,, 19. 7 ,, ,, 1¾ ,, ,, ... 12/6 ,,
Cutters, 21/- per doz.; Lever Caps, 3/- each

Low Angle Block Planes. Fig. 5122

No. 60

No. 60½. Japan Trimmings, 6 in. long, 1¾ in. Cutter 9/6 each
,, 65½. ,, ,, 7 ,, ,, 1¾ ,, ,, 10/9 ,,
,, 60. Nickel ,, 6 ,, ,, 1¾ ,, ,, 11/- ,,
Cutters, 21/- per doz.; Lever Caps, No. 60½, 60, 1/3; No. 65½, 1/9 ea.

Knuckle-Joint Low Angle Block Plane

Fig. 5869 (No. 65)

No. 65. Nickel Trimmings, 7 in. long, 1¾ in. Cutter 13/- each
Cutters, 21/- per doz.; Lever Caps, 3/- each

ROSE TOOLS, INC.

Stanley Block Planes (Made in U.S.A.)

Fig. 5124. (Nos. 101, 100, 102, 103, 110, 120, 220, 203, 130)

No. 101. 3½ in. long, 1 in. Cutter.
PRICE 1/9 each
Extra Cutters, 6/- per doz.; Lever Caps, /6 each

No. 100. With Handle. 3½ in. long, 1 in. Cutter. PRICE 2/- each
Extra Cutters, 6/- per doz.; Lever Caps, /6 each

No. 102. 5½ in. long, 1¾ in. Cutter.
PRICE 2/6 each
Extra Cutters, 12/- per doz.
No. 103. Lever adjustment, 5½ in. long, 1¾ in. Cutter. PRICE 3/9 each
Extra Cutters, 12/- per doz.
Lever Caps, /9 each

No. 110. 7 in. long, 1¾ in. Cutter. PRICE .. 3/6 each
Extra Cutters, 15/- per doz.
No. 120. Lever adjustment, 7 in. long, 1¾ in. Cutter.
PRICE 5/6 each
Extra Cutters, 21/- per doz. Lever Caps, /9 each

No. 220. Screw adjustment, 7 in. long, 1¾ in. Cutter.
PRICE 5/6 each
Extra Cutters, 21/- per doz. Lever Caps, /9 each

No. 203. Screw adjustment, 5½ in. long, 1¾ in. Cutter.
PRICE 6/6 each
Extra Cutters, 21/- per doz. Lever Caps, /9 each

No. 130. Double end, 8 in. long, 1¾ in. Cutter.
PRICE 6/6 each
Extra Cutters, 15/- per doz. Lever Caps, /9 each

Adjustable Double-end Block Plane (Made in U.S.A.)

Fig. 5123 (No. 131)

Will reverse, as indicated in illustration.
No. 131. Japan Trimming, 6 in. long, 1¾ in. Cutter, 11/3 each.
Extra Cutters, 21/- per doz.; Lever Caps, /9 each

Block and Rabbet Plane (Made in U.S.A.)

Fig. 5135 (No. 140)

Skew Cutter.

A detachable side changes it from a Block to a Rabbet Plane.
No. 140. Japan Trimming, Rosewood Knob, 7 in. long, 1¾ in. Cutter. PRICE 10/9 each
Extra Cutters, 27/- per doz. Lever Caps, 1/3 each

Bull-Nose Rabbet Plane (Made in U.S.A.)

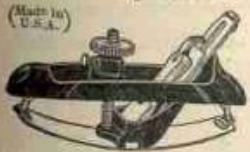
Fig. 5125. (No. 75)

Adjustable mouth, Japanned. 4 in. long, 1 in. Cutter. PRICE 2/3 each
Extra Cutters, 21/- per doz.; Lever Caps, /9 each

Victor Adjustable Circular Plane

(Made in U.S.A.)

Fig. 5128. (No. 20)

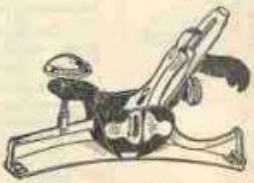


The face is fastened at each end to the Plane body and adjusted by a screw at the centre. This construction gives great strength.

Japanned, 10 in. long 1¾ in. Cutter. PRICE 27/- each
Extra Cutters, as Fig. 5119, p. 636. Lever Caps, 2/- each

Stanley Adjustable Circular Plane (Made in U.S.A.)

Fig. 5127. (No. 113)



Left Side

Right Side

By means of the graduated scale on the gears, the face can be accurately set to an arc either concave or convex.
Japanned, 10 in. long, 1¾ in. Cutter. PRICE 27/- each
Extra Cutters, as Fig. 5119, p. 636. Lever Caps, 2/- each

ROSE TOOLS, INC.

Stanley Planes (Made in U.S.A.)

Side Rabbet Planes

Fig. 5134. (Nos. 98 and 99).

Right Hand — Left Hand

For side rabbeting in trimming dados, mouldings and grooves of all sorts. A reversible nose-piece gives the tool a form whereby it will work close up into corners. Fitted with depth gauge.

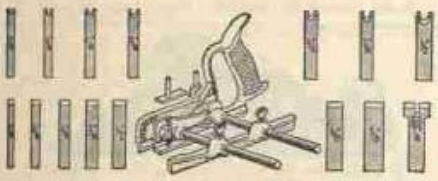
Rosewood knob. Nickel plated

No. 98. Right Hand, 4 in. long, ¼ in. Cutter. PRICE 8/9 each
„ 99. Left „ „ „ „ „ 8/9 „

Cutters for above, 21/- per doz. Lever Caps, 7½ each

Beading and Matching Plane

Fig. 5145. (No. 50).



A small combination Plane for light work. Adapted for plough, beading, matching, and rabbet work. Fitted with Spurs, Depth Gauge and a Fence, having 5 in. adjustment.

Fifteen Cutters as follows :—7 Plough and Dado, ⅛ to ½ in. ; 7 Beading, ⅛ to ½ in. ; 1 Tonguing, ½ in.

No. 50. 9¼ in. long, nickel plated. PRICE .. 30/- each

Cutters for above, 14/6 per Set.

Carriage Makers' Rabbet Plane

Fig. 5129. (Nos. 10, 10½, and 10¼).

Adjustable Cutters, Rosewood Handles, and Knobs

No. 10¼. 9 in. long, 2⅛ in. Cutter. PRICE .. 21/6 each
„ 10. 13 „ „ 2⅛ „ „ „ .. 23/- „

Handle and Knob arranged to tilt

No. 10½. 13 in. long, 2⅛ in. Cutter. PRICE .. 35/- each

Cutters, as **Fig. 5119**, p. 636. Lever Caps, 2/- each

Duplex Rabbet Plane and Filletster

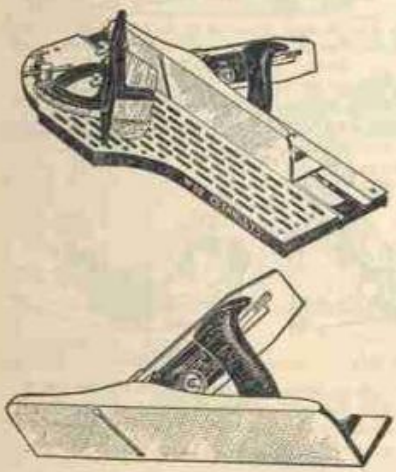
Fig. 5142. (No. 78).

Has two seats for the cutter, one for regular and the other for bull-nose work, also spur and removable depth gauge. The adjustable fence can be used on either side and slides under the bottom.

To work as a rabbet plane remove fence and arms

No. 78. 8½ in. long, 1½ in. Cutter. PRICE .. 10/6 each

Cutters for above 21/- per doz. Lever Caps, 7½ each



Stanley Shute Board and Plane

Fig. 5139. (No. 52.)

This combination (sometimes called a "Jack Board") is particularly valuable for pattern makers, cabinet makers, printers, picture framers, electrotypers, and amateurs.

The board is made of special iron, is of ribbed construction and has an adjustable runway, accurately machined for the plane.

The swivel is indexed at forty-five and ninety degrees, but can be locked at any angle between zero and ninety degrees, the quadrant being graduated between these points.

The swivel is fitted with a sliding back that can be adjusted close to the plane, supporting the work to the edge and preventing splintering. It is further provided with a sliding back clamp, designed to hold any shaped work in position.

The plane is specially constructed for the board, and has rosewood handle and knob.

The cutter is fitted with the regular "Bailey" adjustment for depth of cut, has a lateral adjustment, giving any ordinary draft to a pattern, and being set on a skew, will make a very smooth, clean cut.

No. 52. 22 in. long, complete with plane .. .. PRICE 88/6 each
„ 51. Plane only, 15 in. long, 2⅛ in. Cutter .. „ 35/6 „

Cutters for above, as **Fig. 5119**, p. 636. Lever Caps, 2/- each

ROSE TOOLS, INC.

Stanley Planes (Made in U.S.A.)

Skew Cutter Combination

Fig. 5147 (No. 46)

For Plow, Dado, Fillester, Matching and Rabbet work

Fitted with spurs, depth gauge and fence with Rosewood face.

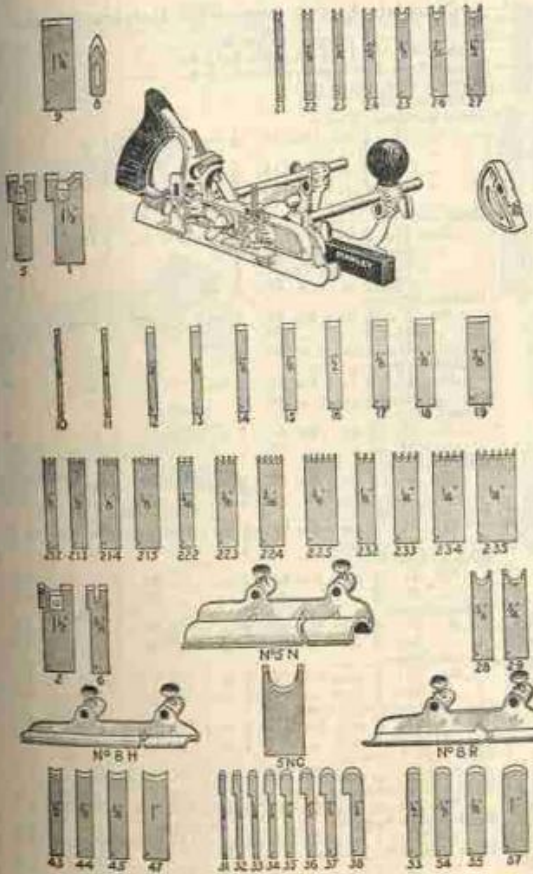
This tool is accompanied by eight Plow and Dado bits (⅛, ¼, ⅜, ½, ⅝, ¾, ⅞, 1 and 1¼ in.), Fillester Cutter, 1¼ in.; Slitting Cutter and a Tonguing Cutter, ½ in.

No. 46. Nickel plated, with 12 tools, bits, etc. **PRICE 50/- each**

Cutters for above, **16/9** per set

Stanley "Forty-Five" Plane (Made in U.S.A.)

Fig. 5148 (No. 45)



This Plane embraces (1) Beading and Centre Beading Plane; (2) Rabbet and Fillester; (3) Dado; (4) Plow; (5) Matching Plane; (6) Sash Plane; and (7) a superior Slitting Plane. Each plane is fitted with adjustable fence or guide and depth gauge, and also with spurs for use in working across the grain. This Plane can be used right or left hand.

Each Plane has seven Beading tools (⅛, ¼, ⅜, ½, ⅝, ¾, and ⅞ in.), eleven Plow and Dado bits (⅛, ¼, ⅜, ½, ⅝, ¾, ⅞, 1, 1¼, 1½, and 1¾ in.), a Slitting Blade, a Sash tool, a 1¼ in. Fillester Blade and two Tonguing tools (⅜, ½ in.).

Cutters are listed on following page with prices.

No. 45. Nickel plated, with 23 Tools, Bits, etc. **PRICE 60/- each**

No. A45. Aluminium, with 23 Tools, Bits, etc. **PRICE 83/9 each**

Of the Cutters for Plane No. 55 (next page), Nos. 2, 28, 29, 31, 32, 33, 34, 35, 36, 37, 38, 212, 213, 214, 215, 222, 223, 224, 225, 232, 233, 234 and 235, in addition to the 21 sold with the Plane, will work in Plane No. 45. The other Cutters for No. 55 cannot be used in No. 45.

Hollows and Rounds for "Forty-Five" Plane

By substituting a specially formed detachable bottom for the sliding section, Cutters known as "Hollows" and "Rounds" may be used to advantage. A special bottom is required for each size of these tools. The following sizes can be furnished.

		PRICE per pair
No. 6.	¼ in. Cutter works a segment of a ¾ in. circle	10/-
,, 8.	½ ,, ,, ,, ,, ,, 1 ,, ,,	10/-
,, 10.	¾ ,, ,, ,, ,, ,, 1¼ ,, ,,	11/-
,, 12.	1 ,, ,, ,, ,, ,, 1½ ,, ,,	11/-

Cutters for above, **29/3** per set

Nosing Tool for "Forty-Five" Plane

No. 5. 1⅜ in. Cutter (attach same as above). **PRICE 8/- ea.**

ROSE TOOLS, INC.

Stanley Universal Plane

Fig. 5149. (No. 55) (Made in U.S.A.)

This tool, in the hands of an ordinary carpenter, can be used on all lines of work covered by a full assortment of so-called fancy planes.

In addition to being a Beading and Centre Beading Plane, Plough, Dado, Rabbett, Filletster, Match Plane, Sash Plane and Slitting Plane, is also a superior Moulding Plane, and will accommodate Cutter of almost any shape or size.

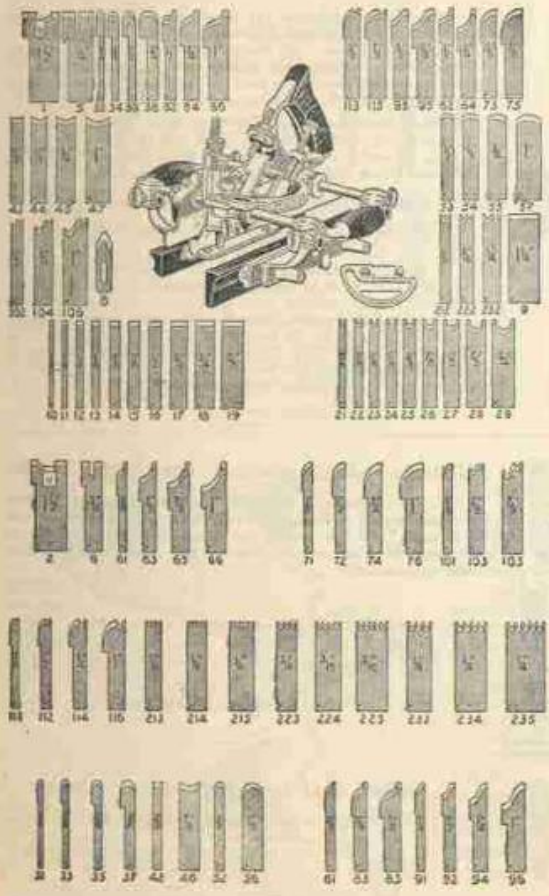
The regular equipment sent with the plane comprises 55 Cutters: Nos. 1, 3, 6, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 18½, 19, 21, 22, 23, 24, 25, 26, 27, 28, 32, 34, 36, 38, 40, 41, 43, 44, 46, 47, 53, 54, 55, 57, 62, 64, 23, 75, 82, 84, 86, 93, 95, 102, 104, 106, 113, 115, 212, 222, 232. These Cutters, together with the Plane and all its attachments, are packed in a neat substantial box.

In addition to the above, 41 additional Cutters are listed and can be furnished to order. The complete list of 94 Cutters is given below.

All metal parts of the Plane are Nickel-plated. The handle and fences are made of selected rosewood, and every part is well finished.

No. 55. Complete with attachments and 55 Cutters, as above.

PRICE £6 10 0 each.



Complete List of Cutters for Universal Plane

No. 55

| | | |

"Record" Adjustable Iron Planes

Nos. 02–04½

Fig. 602

With warranted best crucible cast Tungsten Steel Cutting Irons. End and side adjustment of cutters. Rosewood handles and knobs. Caps and small screws nickel-plated.

Nos. 05–08

Plane No.	Type	Length in.	Width of Cutter in.	Weight lb.	PRICE each	Spare Irons Single each	Spare Irons Double each
02	Smooth	7½	1⅝	2½	12/-	1/9	3/3
03	Smooth	8	1¾	3½	12/3	2/3	3/9
04	Smooth	9	2	3½	12/6	2/3	3/9
04½	Smooth	10	2⅜	4½	15/6	2/9	4/3
05	Jack	14	2	4½	15/6	2/3	3/9
05½	Jack	15	2⅛	6½	18/-	2/9	4/3
06	Fore	18	2⅜	7½	20/-	2/9	4/3
07	Jointer	22	2⅜	8½	25/-	2/9	4/3
08	Jointer	24	2⅜	9½	30/-	2/9	4/3

The above Planes can be supplied with "Stay Set" Cap Irons at same prices. For extra Irons, **Prices on application.** They can also be supplied with **Corrugated Bases.** Prices 02–05 inclusive, 1/- each list price extra. Nos. 05½, 06, 1/6 each list price extra. Nos. 07, 08, 2/- each list price extra.

"Record" Block Planes Fig. 603

PRICES AND DIMENSIONS

No. 0102

No. 09½

No. 0220

No.		Length in.	Width of Cutter in.	Price each	Spare Irons
0110	Non-Adjustable ..	7	1⅝	3/6	1/-
0120	Adjustable ..	7	1⅝	5/6	1/6
0220	Adjustable ..	7	1⅝	5/6	1/6
0230	Adjustable Knuckle Joint ..	6	1⅜	9/6	1/6
0130	Double End, Non-Adjustable ..	8	1⅜	6/-	1/-
0102	Non-Adjustable ..	5½	1⅜	2/6	7/9
018	Adjustable Mouth, Knuckle Joint	6	1⅜	11/6	1/6
019	Adjustable Mouth, Knuckle Joint	7	1⅜	12/6	1/6
09½	Adjustable Mouth	6	1⅜	8/-	1/6
015	Adjustable Mouth	7	1⅜	10/-	1/6
016	Adjustable Mouth, Nickel-plated ..	6	1⅜	10/9	1/6
017	Adjustable Mouth, Nickel-plated ..	7	1⅜	11/6	1/6

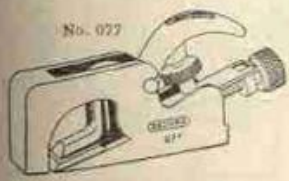
No. 0110

No. 018

No. 016

"Record" Rabbet Planes

Fig. 604



No. 077

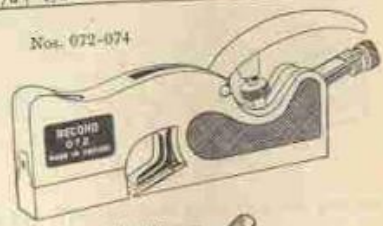
No. 076

No.	Length in.	Width of Cutter in.	Price each	Spare Irons each
*041	5	¾	11/6	—
*042	8	¾	16/6	—
072	8½	1	19/6	2/-
073	8½	1½	22/6	2/3
074	8½	1½	25/6	2/6
075	4	1	2/3	1/6
076	4	1¼	5/6	1/4
077	4	1½	9/6	1/5
†077A	4	1½	10/6	1/6

* As Nos. 072–074 but Non-Adjustable Mouth.

† As No. 077, but with Detachable Nose

Nos. 072–074



No. 075

ROSE TOOLS, INC.

"Record" Rabbet Plane

Fig. 605

No.	Length in.	Width of Cutter in.	PRICE each	Spare Irons: Single each	Spare Irons: Double each
010½	9	2½	21/6	2/6	4/-
010	13	2½	23/-	2/6	4/-

"Record" Duplex Rabbet and Filletster Plane

Fig. 606

No. 078. 8½ in. long, 1½ in. Cutter PRICE 10/6 each
Extra Cutters .. .. .. " 1/9 "

No. 020

"Record" Circular Planes

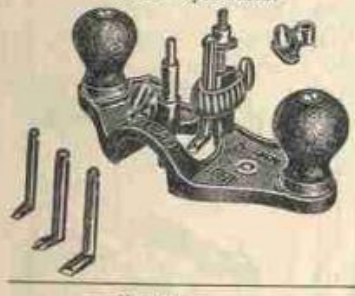
Fig. 607

No.	Length in.	Width of Cutter in.	PRICE each
020	10	1½	26/-
0113	10	1½	26/-

Extra Cutters, Single, 2/3 each; Double, 3/3 each

No. 0113

No. 071. Open Throat



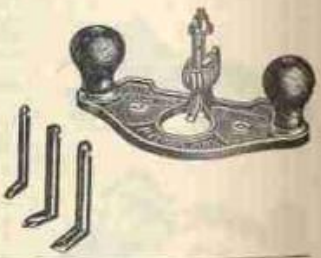
"Record" Router Planes

Fig. 608

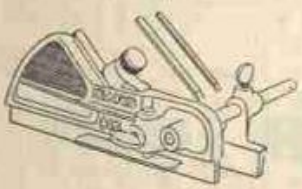
Supplied with Improved Adjustable Fences, and three cutters, ¼ in., ½ in. and smoothing.

	PRICE
No. 071. 7½ in. long ..	15/- each
No. 071½. 7½ in. long ..	12/- "
Extra Cutters	2/6 "

No. 071½. Closed Throat



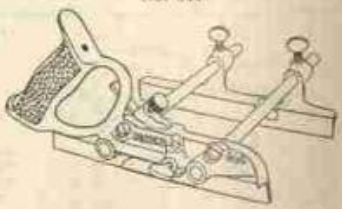
No. 043



"Record" Plough Planes

Fig. 609

No. 044



No. 043, with 3 Tungsten Steel Cutters (⅛, 3/16, ¼ in.)
Rustless Plated

This plane is suitable for grooving for Plywood Panels, etc. It is fitted with adjustable guide and fence and will cut grooves ¼ in. deep up to 3 in. from edge.

PRICE complete .. 9/6

Additional cutters for grooving panels of ⅜ thickness.

Size	4	6	9	12 ⅜ wide
PRICE	1/3	1/3	1/9	1/9 each

No. 044 with 8 Tungsten Steel Cutters (⅛, 3/16, ¼, 5/16, ⅜, 7/16, ½, ⅝ in.)
Rustless Plated

Fitted with Adjustable Depth Gauge and Fence, and will cut grooves ½ in. deep up to 5 in. from edge.

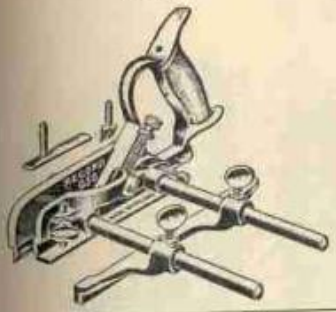
PRICE complete .. 17/6

Additional cutters for grooving Panels of ⅜ thickness.

Size	4	6	9	12 ⅜ wide
PRICE	1/3	1/3	1/9	1/9 each.

ROSE TOOLS, INC.

No. 059



"Record" Light Combination Plane

With 15 Cutters

Fig. 610

This Plane will perform most planing operations generally required in cabinet making and joinery, viz. :—Plough, Dado, Beading, Centre Beading, Rabbet and Filletster, and Tonguing and Grooving.

Fitted with spurs for cross-grain work, adjustable depth gauge and fence, beading stop, and shaving deflector when tonguing.

No. 059 As illustrated .. .. PRICE, complete 27/6

„ 059A As above with the addition of a narrow cutter, clamping bracket and two additional cutters, viz.: $\frac{1}{8}$, $\frac{3}{8}$ in.
PRICE, complete 30/-

"Record" Multi-Plane

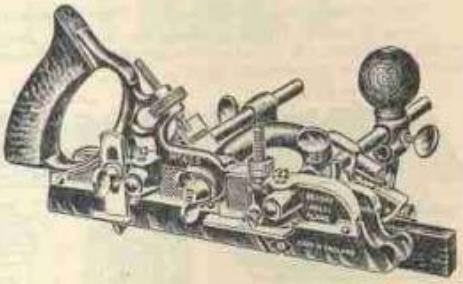
Fig. 611

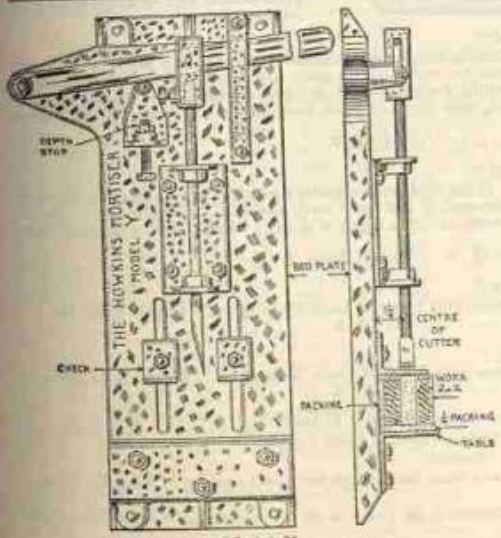
This Combination Plane is furnished with a set of 23 Cutters and will perform many planing operations.

It has :—Screw adjustment to the Cutter.
Screw adjustment to the Fence.
Screw adjustment to the Depth Gauge.
2 Sets Arms (long and short).
Beading Stop.
Slitting Cutter Stop.
Sliding Section Depth Gauge.
Cam Steady.
Spurs for cross-grain work

PRICE, complete with 23 Cutters £3 0 0

No. 405





Model Y

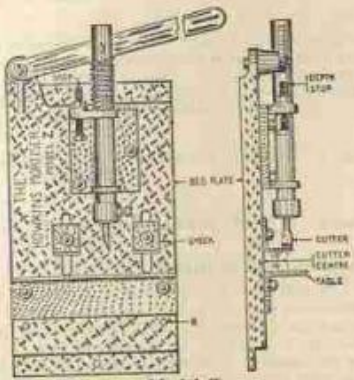
This machine will cut a $\frac{1}{4}$ in. or $\frac{3}{8}$ in. mortise with centre $1\frac{1}{2}$ in. from edge of timber and 2 in. deep. The Stroke is $2\frac{1}{2}$ in. Table $2\frac{1}{2}$ in. wide. Cutters (3), $\frac{1}{4}$ and $\frac{3}{8}$ in. working to a depth of 2 in.; $\frac{1}{2}$ in. to $1\frac{1}{4}$ in., are included. Overall dimensions $24 \times 21 \times 3\frac{1}{2}$ in. Weight, 30 lb.

PRICE £5 0 0

The Howkins Mortiser

Fig. 638

Entirely British



Model Z

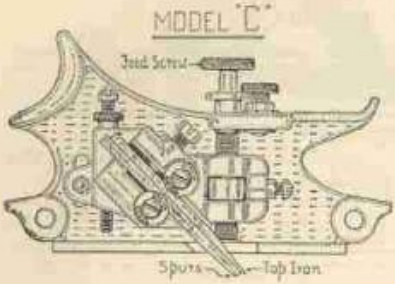
This machine will cut up to a $\frac{1}{4}$ in. or $\frac{1}{2}$ in. mortise with centre $\frac{15}{16}$ in. from edge of timber and $\frac{1}{2}$ in. deep. The Stroke is $1\frac{1}{2}$ in. Table $1\frac{1}{2}$ in. wide, and can be lowered $1\frac{1}{2}$ in. by using bolts in holes B. Cutters (4), $\frac{1}{4}$ and $\frac{1}{2}$ in., working to a depth of $\frac{1}{2}$ in.; $\frac{1}{8}$ in. to $\frac{3}{8}$ in.; and $\frac{5}{8}$ in. to $\frac{7}{8}$ in. deep are included. Overall dimensions $14 \times 14 \times 2\frac{1}{2}$ in. Weight, 8 lb.

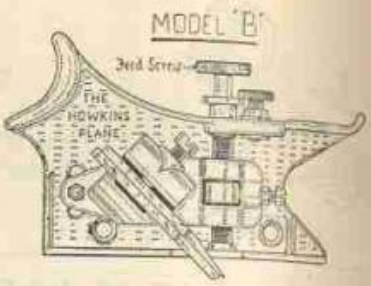
PRICE .. £2 5 0

ROSE TOOLS, INC.

The Howkins Plane

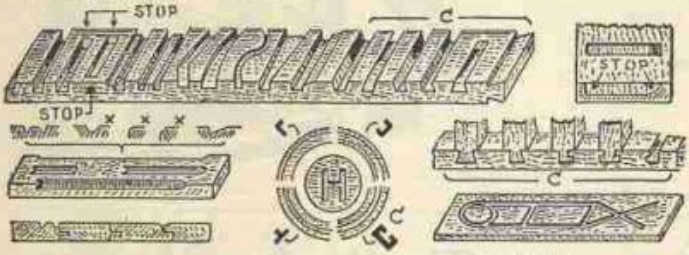
Entirely British. Fig. 6451





This Tool has an enormous capacity. The tool-holder is practically a simple slide rest, and the cutters are fed down into the work.

Dado, Rebating, Ploughing, Matching, Moulding, Inlay, Chamfering, **Dovetailing**, etc.; also **Flat Circular, Oval** and other **swept work** from 1 $\frac{1}{8}$ in. radius to a straight line, and in many cases the Plane will take the place of a lathe. Tee and other shaped slots, straight, or circular, can be cut.



Works to Self-Formed Single or Double Stop Ends

Some of the work executed by Model "C" is shown on the left, but this gives only a very small idea of the capacity of the tool. All can be executed by means of the ordinary outfit supplied with Plane "C" with exception of the T and L grooves on pieces marked C and the moulding with the grain marked xxx for which extra tools are required.

Model "C"

Complete with pair of Cross-cut or Dado Tools, $\frac{11}{16}$ in. wide, for working across grain, circular work, etc., to a depth of $\frac{1}{8}$ in. and a pair $\frac{1}{8}$ in. wide for working to a depth of $\frac{1}{4}$ in. Plough, $\frac{11}{16}$ in. wide for working with grain to a depth of $\frac{1}{4}$ in. Plough, $\frac{1}{8}$ in. wide for working with grain to a depth of $\frac{1}{8}$ in. Pair of Female Dovetailing Tools, left hand, and a pair of right hand (minimum width of throat cut $\frac{1}{8}$ in., and maximum depth $\frac{3}{4}$ in.) Male Dovetailing Tool, male Dovetail Spur, Beading Tool, 2 Fence Bars, 2 Fences, 1 Plough Fence, 1 Centre Angle, 1 Dovetail Sole, 1 Spanner.

PRICE £5 0 0

Model "B"

Is a simpler form of Model "C" and has Fences on one side only. It has very great capacity and with the addition of a few extra cutters more than covers the work shown above with exception of the dovetail, T and L slot work marked C. Complete with 1 pair of Cross-cut or Dado Tools, $\frac{11}{16}$ in. wide for working across grain, circular work, etc., to a depth of $\frac{1}{4}$ in., 1 Plough $\frac{11}{16}$ in. wide for working with the grain, 1 Fence, 1 Centre Angle, 2 Fence Screws, etc.

PRICE .. .. £1 15 0 Plough Fence, 2/6 extra.

Model "D"

This has a "C" Body and Fences, with a "B" Toolholder, complete with 1 pair of Dado Tools $\frac{11}{16}$ in., 1 Plough $\frac{11}{16}$ in., etc.

PRICE £2 10 0

Model "E"

This has a "B" Body and Fences with a "C" Toolholder, complete with 1 pair of Dado Tools $\frac{11}{16}$ in., 1 Plough $\frac{11}{16}$ in., etc.

PRICE £2 7 6

EXTRA TOOLS FOR MODELS "B," "C" "D," "E," except where otherwise stated.

Dado Tools, per pair $\frac{1}{8}$ in., 4/6; $\frac{1}{4}$, $\frac{3}{8}$ in., 4/-; $\frac{5}{8}$, $\frac{1}{2}$, $\frac{11}{16}$ in., 3/6. Special widths to order, 1/- extra.

Plough Irons, $\frac{1}{16}$, $\frac{1}{8}$, $\frac{3}{16}$, $\frac{1}{4}$, $\frac{11}{16}$ in., 1/- each. Special widths to order 7/6 extra.

Moulding etc. Cutters, $\frac{1}{4}$ in. wide, Bead, Round, Hollow, Chamfer and Skew Bevel which last works any way of the grain, 2/- each. Beading Tool, 3 reeds, $\frac{1}{16}$ in. wide, 2/- each.

Set of 10 Tools in a Wallet—comprising Dado Tools $\frac{1}{16}$, $\frac{1}{8}$ in., Ploughs $\frac{1}{8}$, $\frac{3}{16}$, $\frac{1}{4}$ in. and the 4 Moulding and 1 Skew Bevel Cutter described above, 20/- per set.

Small Toolholder, takes $\frac{1}{16}$ in. round steel; with Ploughs $\frac{1}{16}$, $\frac{1}{8}$, $\frac{3}{16}$, $\frac{1}{4}$, $\frac{1}{4}$ in. and 1 Bead Tool $\frac{1}{4}$ in., complete in box, 8/-. As shanks are round tools can be turned round in the Holder and set at an angle to give a skew cut and will then work any way of the grain. A tool of suitable contour set at an angle will produce a moulding, etc., any way of the grain, a valuable feature with great possibilities.

"C" MODEL only. Dovetailing Tools: Male Nos. 7 and 8; Female No. 5, L. Hand; and No. 6 R. Hand; per pair, 4/6

L Groove Tool $\frac{1}{8}$ in. wide, 4/6 each.

Special Tools, etc., quoted for on receipt of particulars.

ROSE TOOLS, INC.

Cast Steel Plane Irons

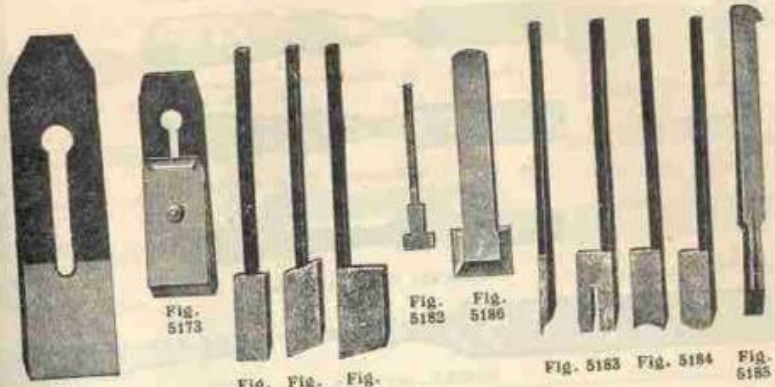


Fig. 5172 Fig. 5173 Fig. 5179 Fig. 5180 Fig. 5181 Fig. 5182 Fig. 5186 Fig. 5183 Fig. 5184 Fig. 5185

Cast Steel Plane Irons. Prices per dozen.

Fig.	Width of Iron Up to	1½	1¾	1¾	1¾	2	2¼	2¼	2¾	2¾	3¼	2¾	2¾	3	in.
5171	Single, Uncut ..	12/-	12/-	12/4	13/6	14/3	15/-	17/3	19/1	20/3	22/10	25/6	27/9	32/3	doz.
5172	,, Cut	12/9	12/9	13/1	14/3	15/-	15/9	18/-	19/10	21/-	23/7	26/3	28/6	33/-	,,
5173	Double, Brass Nut ..	24/4	24/4	25/1	26/7	27/9	28/10	28/10	34/10	37/1	40/6	43/10	48/4	45/1	,,
5175	Single Cut, Parallel ..	16/6	16/6	16/10	18/-	18/9	19/6	21/9	23/7	24/9	27/4	30/-	32/3	36/9	,,
5176	Double, Parallel, Brass Nut	28/1	28/1	28/10	30/4	31/6	32/7	35/7	38/7	40/10	44/3	47/7	52/1	59/10	,,
5177	Top, Brass Nut and Screw	9/4	9/4	9/4	9/9	10/1	10/6	11/3	12/4	13/6	14/3	15/-	17/3	19/6	,,
5174	Toothing	18/-	18/-	18/-	19/6	21/-	22/6	24/4	25/6	27/4	—	—	—	—	,,

Fig. 5188. Bright Screws for Top Irons, /7 per doz. ; Turned Brass Nuts, 1/3 per doz.

Fig.	Width of Iron, up to	¼	½	¾	⅞	1	1⅛	1¼	1⅜	1½	1¾	2	2¼	2½	in.
5178	Moulding, Soft ..	4/9	4/9	4/10	5/-	5/2	5/5	5/9	6/3	6/8	7/-	7/3	7/6	8/3	8/3	10/6	12/9	doz.
5178	,, Hard ..	6/3	6/3	6/6	6/11	7/-	7/3	7/6	7/9	8/2	8/6	8/9	9/-	9/9	10/6	13/9	15/-	,,
5875	Bead	15/-	16/6	17/3	18/-	19/6	21/-	22/6	24/-	—	—	—	—	—	—	—	—	,,
5179	Square Rabbet ..	6/3	6/3	6/6	6/11	7/-	7/3	7/6	7/9	8/2	8/6	8/9	9/-	9/9	10/6	14/3	—	,,
5180	Skew	7/-	7/-	7/3	7/8	7/9	8/-	8/3	8/6	8/11	9/3	9/6	9/9	10/6	11/3	—	—	,,
5181	Sash Fillister, Left or Right Hand ..	—	—	—	7/8	7/9	8/-	8/3	8/6	9/-	9/3	9/6	9/9	10/6	11/3	—	—	,,
5876	Fillister Nicker, 9/9	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	,,
5182	Coachmakers' T Rabbet	—	—	—	—	—	12/-	12/-	12/-	12/-	12/-	12/9	13/6	15/-	16/6	—	—	,,
5877	Chariot, All-Bright	—	—	—	—	—	15/9	15/9	15/9	15/9	15/9	16/2	16/6	18/-	19/6	—	—	,,
5186	Bull-Nose, ...	—	—	—	—	—	12/-	12/-	12/-	13/9	13/6	15/-	16/6	—	—	—	—	,,
5185	Bright Plough Bits	12/-	12/-	12/-	15/-	18/-	22/6	—	—	—	—	—	—	—	—	—	—	,,

Fig.	Width of Iron	Up to	--	1	1¼	1½	1¾	1¾	in.
5193	Match or Grooving, in pairs ..	.. ..	..	18/-	21/-	22/6	24/-	27/-	doz. pairs
	Grooving Bits only to ¼ in., 6/9 ; ½ in., 7/6 ; ¾ in., 8/3 per doz.	.. ..	..	—	—	—	—	—	,,
5878	Trenching, or Dado Grooving, in pairs ..	.. ..	..	24/-	—	—	—	—	,,
5184	Hollow and Round Irons, Square, in pairs ..	.. ..	..	18/-	19/6	21/-	22/6	24/-	,,
5184	,, ,, ,, Skew, in pairs ..	.. ..	..	24/-	25/6	27/-	28/6	30/-	,,

Fig.	Width of Iron ..	3	3½	3½	3¾	3¾	3¾	3¾	4	4½	4½	4½	4¾	5	in.
5187	Coopers' Jointer Irons, 11 in. long, Blued :—														
	Single, Uncut	48/-	49/6	51/-	54/9	57/9	61/6	64/6	66/9	69/9	72/9	75/-	81/-	89/3	96/9	doz.
	(If Cut, 2/- per doz. extra)														
	Double	87/-	90/-	93/-	100/6	106/6	115/6	120/-	124/6	132/-	135/-	139/6	151/6	166/6	181/6	,,

5879 Coopers' Chive Irons, Uncut. 1½ in., 21/9 ; 2 in., 22/6 ; 2½ in., 24/- ; 2½ in., 26/3 per doz.
,, Swift Irons, 7 in. long. 3 in., 33/- ; 3½ in., 40/6 ; 3½ in., 49/6 ; 3½ in., 54/- ; 4 in., 61/6 ; 4½ in., 68/9 ; 4½ in., 72/- 5 in., 84/- per doz.

ROSE TOOLS, INC.

C.S. Chisels and Gouges

Fig. 5189 — Fig. 5189 B E

Fig. 5189. C.S. Firmer Chisel, Handled.

Fig. 5192. C.S. Registered Chisel, Handled, with 2 Bright Iron Ferrules.

Fig. 5201. C.S. Socket Chisel.

Fig. 5190 — Fig. 5913

Fig. 5194. C.S. Long Thin Paring Chisel.

PRICES, per dozen.

Fig.	Width .. .. in., up to	¼	⅜	½	⅝	¾	⅞	1	1¼	1½	1¾	2	2¼	2½	3
5189	**Firmer Chisels**														
	Not Handled	6/4	6/9	7/1	7/10	8/3	9/-	9/9	11/3	12/9	15/-	16/6	18/-	20/3	22/6
	Handled, Round Ash or Beech ..	10/1	10/6	10/10	11/7	12/-	12/9	13/6	15/-	16/6	19/1	20/7	22/6	24/9	27/9
	„ London Octagon Box ..	14/3	14/7	15/-	15/9	16/1	16/10	17/7	19/6	21/-	24/-	25/6	27/9	30/-	33/-
..	**Firmer Chisels, Bevel-Edge**														
	Not Handled	12/4	12/9	13/1	13/10	14/3	15/-	15/9	17/3	18/9	24/-	25/6	27/-	29/3	34/6
	Handled, Round Ash or Beech ..	16/1	16/6	16/10	17/7	18/-	18/9	19/5	21/-	22/6	28/1	29/7	31/6	33/9	39/9
	„ London Octagon Box ..	20/3	20/7	21/-	21/9	22/1	22/10	23/7	25/6	27/-	33/-	34/6	36/9	39/-	45/-
5911	**Strong Firmer Chisels**														
	Not Handled	8/3	8/7	9/-	9/6	9/9	11/3	12/-	13/6	15/9	18/-	21/-	23/3	25/6	28/6
	Handled, Double Hooped Ash Handles	15/9	16/1	16/6	16/10	17/3	18/9	19/6	21/-	23/3	25/10	28/10	31/6	33/9	37/6
5192	**Registered Chisels**														
	Not Handled	10/6	10/10	10/10	11/3	11/3	12/4	12/6	15/9	20/3	21/4	22/6	24/4	28/3	28/6
5193	**Coachmakers' Chisels**, 1 in. to be 8 in. to bolster	18/-	18/4	18/4	18/9	18/9	19/10	21/9	23/7	28/1	29/7	31/1	33/-	34/10	37/1
	Not Handled	10/10	11/3	11/3	12/-	12/-	14/3	15/9	17/7	19/10	23/7	27/-	29/3	31/6	34/10
	Handled, Double Hooped Ash Handles	18/4	18/9	18/9	19/6	19/6	21/9	23/3	25/1	27/9	31/6	35/3	38/9	40/3	44/3
5194	**Long Thin Paring Chisels** .. 1 in. to be 9 in. to bolster														
	Not Handled	11/3	11/7	11/7	12/9	12/9	14/3	16/1	17/3	21/-	24/-	28/6	30/9	34/6	37/6
	Handled, Round Ash or Beech ..	15/4	15/9	15/9	16/10	16/10	18/4	20/3	21/-	24/9	27/9	32/3	34/6	39/-	42/-
	„ London Octagon Box ..	19/6	19/10	19/10	21/-	21/-	22/6	24/4	25/6	29/3	32/3	38/9	39/9	44/3	47/3
..	**Long Thin Paring Chisels, Bevel-Edge**														
	Not Handled	20/3	20/7	20/7	21/9	21/9	22/3	25/1	26/3	30/-	37/6	42/-	44/3	48/-	53/6
	Handled, Round Ash or Beech ..	24/4	24/9	24/9	26/3	26/3	27/4	29/3	30/-	33/9	41/7	46/1	48/-	52/6	60/-
	„ London Octagon Box ..	28/6	28/10	28/10	30/-	30/-	31/6	33/4	34/6	38/3	45/9	50/3	53/3	57/9	65/3
5201	**Socket Chisels**, Bright and Blued														
	Not Handled	—	—	13/4	—	13/4	19/6	21/-	22/6	24/9	27/4	30/-	31/10	34/1	38/9
	Handled Ash, Iron Ferrules ..	—	—	24/4	—	24/4	25/8	27/-	28/6	30/9	34/1	36/9	38/7	40/10	43/6
5912	**Socket Framing Chisels**, Bright, Round or Cant Back														
	Not Handled	—	—	27/6	—	27/6	39/-	40/6	42/-	45/-	48/-	51/-	54/-	57/-	60/-
5190	**Firmer Gouges**														
	Not Handled, A to E Curves ..	7/10	8/3	8/7	9/4	9/9	10/6	11/7	13/1	14/7	17/3	19/0	21/-	24/-	26/3
	Handled, Round Ash or Beech ..	11/7	12/-	12/4	13/1	13/6	14/3	15/4	16/10	18/4	21/4	23/7	25/6	28/6	31/6
	„ London Octagon Box ..	15/9	16/1	16/6	17/3	17/7	18/4	19/6	21/4	22/10	26/3	28/6	30/9	33/9	36/9
	Not Handled, F and G Curves ..	9/9	10/1	10/6	11/3	11/7	12/4	13/6	15/-	16/6	20/3	22/6	24/-	27/-	31/6
5191	**Firmer Gouges**, Cancelled Inside														
	Not Handled	8/3	8/7	9/-	9/9	10/1	10/10	12/-	13/6	15/-	18/-	20/3	21/9	24/9	27/9
5910	**Scribing Gouges**														
	Not Handled	10/6	10/10	11/3	12/-	12/4	13/1	14/3	15/9	17/3	—	—	—	—	—
	Handled, Beech, Carver Pattern ..	14/3	14/7	15/-	15/9	16/6	17/3	18/-	19/6	21/-	—	—	—	—	—
	„ Box	17/3	17/7	18/-	18/4	18/9	19/5	21/-	22/6	24/-	—	—	—	—	—
5195	**Long Thin Paring Gouges**														
	Not Handled, A to E Curves ..	19/1	19/6	19/6	20/7	20/7	22/1	24/-	25/1	28/10	33/9	38/3	40/6	44/3	51/-
	Handled, Round Ash or Beech ..	22/6	22/10	22/10	24/-	24/-	25/6	27/4	28/9	32/3	37/1	41/7	44/3	48/-	54/9
	„ London Octagon Box ..	27/6	27/9	27/9	29/3	29/3	30/3	32/-	34/6	37/6	42/9	47/3	49/6	54/-	60/-
5202	**Socket Gouges**, Bright and Blued														
	Not Handled	—	—	—	—	22/10	24/-	25/6	27/-	30/-	33/4	36/-	37/10	40/1	45/9

ROSE TOOLS, INC.

C.S. Chisels, Gouges, &c.

Fig. 5915. Round Nose Turning Chisel

Fig. 5587. Octagon Wagon Builders' Chisel

Fig. 5305. Lock Mortice Chisel

Fig. 5588. Drawer Lock Chisel

Fig. 5203. Mortice Chisel

Fig. 5197. Turning Gouge

Fig. 5196. Turning Chisel

Fig. 5914. Diamond Point Turning Chisel

Fig. 5206. Sash Pocket Chisel

PRICES, per dozen.

Fig.	Width .. .. .. in. up to	¼	⅜	½	⅝	¾	⅞	1	1¼	1½	1¾	2	2¼	2½	2¾
5196	**Turning Chisels,** 1 in. to be 10½ in. over all														
	Not handled	9/-	9/9	10/10	12/-	13/6	15/-	17/3	19/6	21/9	24/9	27/9	30/9	33/9	36/9	39/9	—	—
	Handled, Round Beech	15/9	16/6	17/7	18/9	20/3	21/9	24/-	27/-	29/2	32/-	36/-	39/9	42/9	45/9	48/9	—	—
5198	**Long Strong Turning Chisels,** 1 in. to be 13 in. over all														
	Not handled	15/-	15/6	16/6	18/-	20/3	21/9	24/9	28/6	30/9	35/7	40/6	46/6	52/6	57/-	61/6	—	—
	Handled, Round Beech	23/3	24/-	24/9	26/3	28/6	30/-	33/-	37/6	39/9	45/4	50/3	57/-	63/-	67/6	73/-	—	—
5914	**Diamond Point Turning Chisels**	}																
5915	**Round Nose Turning Chisels**																	
	Not Handled	9/9	10/6	11/7	12/9	14/7	16/1	18/9	21/-	23/3	26/3	30/-	33/-	36/-	40/6	43/6	—	—
5197	**Turning Gouges,** 1 in. to be 10½ in. overall														
	Not Handled	11/7	13/1	14/7	15/9	18/4	21/-	23/7	26/3	30/9	35/7	40/1	43/10	47/1	52/6	57/9	—	—
	Handled, Round Beech	18/6	19/10	21/4	23/6	25/1	27/9	30/4	33/9	38/3	43/10	48/6	52/10	56/3	61/6	66/9	—	—
5199	**Long Strong Turning Gouges,** 1 in. to be 13 in. overall														
	Not Handled	22/10	24/-	28/1	30/9	34/10	40/6	44/3	48/-	53/3	60/-	66/9	70/10	75/-	79/4	81/9	—	—
	Handled, Round Beech	31/1	32/3	36/4	39/-	43/1	48/9	52/6	57/-	62/3	69/9	76/6	81/4	85/6	88/10	92/3	—	—
5200	**V Shape Turning Tools**														
	Not Handled	—	22/6	24/-	—	—	—	—	—	—	—	—	—	—	—	—	—	—
5817	**Wood Turners' Parting Tools**														
	Not Handled	—	—	—	—	—	—	13/6	—	—	—	—	—	—	—	—	—	—
5387	**Solid Steel Octagon, Wagon Builder's Chisels**	—	—	19/6	21/-	22/6	24/-	26/3	27/6	30/9	33/-	36/-	39/-	42/-	45/-	49/6	57/-	66/-

Fig.	Width .. .. in., up to	¼	⅜	½	⅝	¾	⅞	1	1¼	1½
5203	**Joiners' or Cabinet Mortice Chisels**									
	Not Handled	21/-	21/-	22/1	24/-	28/7	28/10	31/10	39/-	52/6	65/3	81/-	96/-
	Handled, Oval Beech	28/3	30/3	36/9	38/7	41/7	43/10	46/10	55/6	75/-	97/6	—	—
5204	**Sash Mortice Chisels**									
	Not Handled	27/-	27/-	28/6	30/-	33/-	38/-	39/-	46/6	57/-	67/6	—	—
	Handled, Round Boxwood	34/6	34/6	35/-	37/6	40/6	43/6	46/6	54/-	64/6	75/-	—	—
5818	**Socket Mortice Chisels**									
	Not Handled	24/9	24/9	27/-	29/3	31/6	34/6	39/-	46/6	59/3	71/3	90/-	109/3
	Handled, Round Beech with Bright Iron Ferrule	22/3	22/3	24/6	26/9	29/-	43/6	46/6	54/-	66/9	78/9	—	—
5205	**Improved Lock Mortice Chisels**									
	Not Handled	—	—	—	—	69/-	72/-	75/-	—	—	—	—	—
	Handled, Round Beech	—	—	—	—	75/-	78/-	81/-	—	—	—	—	—

5205 **Sash Pocket Chisels,** Handled, 1¼ in., 18/-; 1½ in., 21/-; 2 in., 24/-; 2½ in., 30/-; 3¼ in., 36/-

5819 **Wheeler's Socket Bruzzes,** 16 in. long, ¼ in., 66/-; ⅜ in., 70/6; ½ in., 78/-; ⅝ in., 84/-; 1 in., 93/-

	Chisels and Gouges in Sets of 12	In.	¼ to ½	¼ to 1	½ to 1½	¼ to 1½	¼ to 1⅝	¼ to 2	¼ to 2½
5189	Firmer Chisels, not Handled	per set	8/6	8/6	9/6	10/6	11/3	14/-	14/7
	" Handled, Round Beech or Ash	"	12/3	12/3	13/1	14/7	15/4	18/-	18/9
5190	Firmer Gouges, A to E Curves, not Handled	"	—	10/1	11/3	12/4	13/1	16/6	17/3
	" Handled, Round Beech or Ash	"	—	13/10	15/-	16/6	17/3	20/7	21/6

5388 **Drawer Lock Chisels** .. .. 15/9 per doz.

ROSE TOOLS, INC.

C. S. Black Carving Tools

Curves and Patterns of Gouges Fig. 5210

Nos. 3, 12, 24, 33
„ 4, 13, 25, 34
„ 5, 14, 26, 35
„ 6, 15, 27, 36
„ 7, 16, 28, 37
„ 8, 17, 29, 38
„ 9, 18, 30 —
„ 10, 19, 31 —
„ 11, 20, 32 —

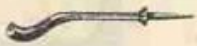
Firmer Chisel, No. 1

Corner Firmer Chisel, No. 2

Straight Gouges, Nos. 3 to 11

Curved Gouges Nos. 12 to 20.

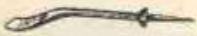
Front Bent Gouges Nos. 24 to 32.



Back Bent Gouges Nos. 33 to 38.

Bent Chisels

Straight, No. 21.



Right Corner, No. 22.

Left Corner, No. 23.

Parting Tools

Straight, Nos. 39, 41, 45

Curved, Nos. 40, 42, 46

Front Bent, Nos. 43, 44

PRICES

Nos.	Description.	Up to ..	⅛	5/32	¼	⅜	½	¾	1	1¼	1½	1¾	1½	1¾	2 in.
1 and 2	Firmer Chisels	.. ..	1/-	1/-	1/-	1/2	1/4	1/6	1/10	2/-	2/1	2/4	2/10	3/6	each
3 to 9	Straight Gouges	.. ..	1/2	1/2	1/2	1/6	1/8	1/8	2/-	2/3	2/5	2/10	3/4	4/1	„
10	„ „	.. ..	1/4	1/4	1/4	1/6	2/-	2/4	2/8	3/4	4/-	5/-	6/-	7/-	„
11	„ „	.. ..	1/4	1/6	1/6	2/-	2/4	2/8	3/4	4/-	5/-	6/-	7/-	8/6	„
12 to 18	Curved Gouges	.. ..	1/6	1/6	1/6	1/8	2/2	2/6	3/-	3/4	4/-	4/8	—	—	„
19 and 20	„ „	.. ..	1/6	1/10	1/10	2/2	2/6	3/-	3/4	4/-	4/8	5/8	—	—	„
21 to 23	Bent Chisels ..	.. ..	1/4	1/4	1/4	1/4	1/10	2/2	2/6	3/-	3/4	4/-	5/-	6/-	„
24 to 30	Front Bent Gouges	.. ..	1/6	1/6	1/6	1/8	2/2	2/6	3/-	3/4	4/-	4/8	—	—	„
31 and 32	„ „ „	.. ..	1/6	1/10	1/10	2/2	2/6	3/-	3/4	4/-	4/8	5/8	—	—	„
33 to 38	Back Bent Gouges	.. ..	1/6	1/6	1/6	1/8	2/2	2/6	3/-	3/4	4/-	4/8	—	—	„
39, 41, 45	Parting Tools (Straight)	..	1/10	2/-	2/2	2/8	3/6	4/3	—	—	—	—	—	—	„
40, 42, 43, 44, 46	„ „ (Curved)	..	2/-	2/2	2/4	3/-	3/6	4/10	—	—	—	—	—	—	„

48	Macaroni Tools, straight ..	to ¼ in. ..	2/4 each
49	„ „ curved ..	„ ..	2/6 „
50	„ „ front bent ..	„ ..	2/6 „
51	Fluteroni Tools, straight ..	„ ..	2/4 „
52	„ „ front bent ..	„ ..	2/6 „
53	Fish Tail Spade Chisels ..	„ ..	1/- „
54	„ „ Gouges ..	„ ..	1/2 „
55	Long Pod „ Chisels ..	„ ..	1/2 „
56	„ „ Gouges ..	„ ..	1/4 „
57	Dog Leg Chisels ..	„ ..	1/6 „

Handling :—

Ash or Beech, to 1 in., 4/6; above 1 in., 6/- per doz. extra.
Boxwood .. „ 8/- ; „ „ 10/- „ „
Rosewood .. „ 10/- ; „ „ 12/- „ „

Ground sharp, 1/6 per doz. extra; ground sharp and set ready for use, 2/4 per doz. extra.

Chip Carving Knives

Fig. 5213

PRICE .. 14/- per doz.; 1/2 each.

Fig. 5216

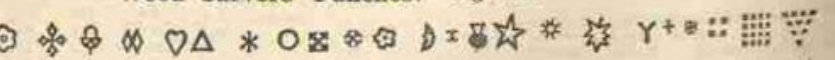
PRICE .. 28/- per doz.; 2/4 each.

Other patterns supplied to order.

Handicraft Tools and Appliances

to all requirements.

Wood Carvers' Punches. Fig. 5220



A B C D E F G H I J K L M N O P Q R S T U V W X Y Z A1

PRICE .. .. 1/9 each.

2, WHITECHAPEL ROAD, LONDON, E.1.

ROSE TOOLS, INC.

C.S. London Pattern Screwdrivers

Flat Beech Handles. Fig. 5323

Length of Blade	3	4	5	6	7	8	9	10	12	14	16	18 in.
PRICE	9/-	10/-	12/-	14/-	17/-	20/-	24/-	28/-	32/-	38/-	56/-	68/- doz.

C.S. Cabinet Screwdrivers

Worked Oval Handles. Brass Ferrules. Fig. 5324

Length of Blade	3	4	5	6	7	8	9	10	12 in.
PRICE, Oval Beech Handles	11/-	12/-	15/-	17/-	21/-	24/-	28/-	32/-	36/- doz
„ „ Boxwood „	15/-	16/-	20/-	24/-	28/-	33/-	38/-	42/-	48/- „

Fancy Turned Oval Handle Cabinet Screwdrivers

Steel Ferrules. Fig. 5325

Length of Blade ..	2	3	4	5	6	7	8	9	10	12 in.
Price, Beech Handles	6/6	7/-	8/-	10/-	12/-	14/-	16/-	18/-	20/-	24/- doz.
„ Boxwood „	8/6	9/6	10/6	13/-	16/-	18/-	21/-	23/-	26/-	32/- „

Champion Screwdrivers (Made in U.S.A.)

Fig. 5327

Handle is well-seasoned Apple Wood. Every Blade is tested to split a screw head. Intended for and will stand hard work.

Size	2½	3	4	5	6	7	8	9	10	12 in.
PRICE	1/6	1/9	1/10	2/-	2/3	2/7	2/11	3/3	3/8	4/4 each

Fluted Handle Screwdriver

Fig. 916

Stained and Polished Beechwood Handles
Steel Ferrules

Electricians' Type, $\frac{3}{16}$ in. Blade

Size	3	4	5	6	7	8	10	12 in.
PRICE	7/9	7/11	1/-	1/-	1/-	1/1	1/1	1/3 each

Engineers' Type

Size	3×$\frac{1}{16}$	4×$\frac{1}{16}$	5×$\frac{3}{16}$	6×$\frac{3}{16}$	7×$\frac{1}{4}$	8×$\frac{1}{4}$	10×$\frac{7}{16}$	12×$\frac{7}{16}$ in.
PRICE ..	7/9	7/11	1/1	1/1	1/4	1/5	1/8	1/9 each

"Hercules" Screwdriver (Made in U.S.A.)

Blades are of extra fine special steel and are heat treated. They are exceptionally strong and "springy" and when bent under great pressure spring back straight and true. Handles are made of ordinary steel and after blades are inserted, both are securely forged together.

Fig. 101

Length of Blade	2	3	4	5	6	8	10	12 in.
PRICE	1/3	1/5	1/6	1/9	2/1	2/10	3/6	4/2 each

"Hercules" Machinists' Screwdriver (Made in U.S.A.)

For Heavy Work. Fig. 102

Length overall	9½ in.
Length of Blade	4½ „
Size of Square	⅝ „
Width of Point	⅜ „
PRICE	3/6 each

ROSE TOOLS, INC.

"Perfect Handle" Pattern Screwdrivers

Fig. 918

Solid cast steel blades run the whole length of handles. The inserts are of hardwood securely rivetted through.

Size overall	4½	6	8	10	12 in.
PRICE	1/1	1/3	1/7	2/1	2/7 each

Round the Corner Screwdriver

Fig. 1571

All Steel

5 in. long .. .. .. PRICE /8 each.

Strong Motor Screwdrivers

Fig. 5343

PRICE .. .. 1/2 each

Electricians' Screwdrivers

Fig. 5342

	3	4	5	6	8 in.
Octagon Boxwood Handles ..	/10	/11	1/-	1/-	1/4 each
,, Walnut ,, ..	/10	/11	/11	1/-	1/1 ,,

Goodell Pocket Screw-Driver Set (Made in U.S.A.)

Fig. 5893. (G.-P. No. 231)

This is a convenient and practical tool. The set consists of a hollow handle, with a chuck, three small screw-driver blades and a reamer. When not in use the chuck and blades are contained inside the handle. Blades are made of tool steel. Handle is polished, nickel plated, and buffed. It is 3¼ in. long when closed and weighs 4 oz.

PRICE .. .. 3/4 each

Lucas Patent Pocket Screwdriver

Nickel-plated Fig. 63

This screwdriver is of the "Propeller" type, and when not in use blade is concealed in barrel. Blade of toughened steel.

Length, when closed, 4⅛ in. PRICE 2/- each.

Starrett's Jewellers' Screwdrivers (Made in U.S.A.)

Fig. 4150 (No. 555)

No. 555AA.	Handle	¼	in. diam.,	width of blade	·025 in.
,, 555A.	,,	,,	,,	,,	·040 ,,
,, 555B.	,,	,,	,,	,,	·055 ,,
,, 555C.	,,	,,	,,	,,	·070 ,,
,, 555D.	,,	,,	,,	,,	·080 ,,
,, 555E.	,,	,,	,,	,,	·100 ,,

PRICE 2/3 each

Set of 6, 13/-. Extra blades, /9 each.

Starrett's Magazine Screwdriver (Made in U.S.A.)

Fig. 4151 (No. 557) Containing 4 blades

PRICE, complete, 8/-. Extra blades, /9 each.

Pocket Screwdrivers. Fig. 4149 (No. 553) (Made in U.S.A.)

For the pocket, slacken chuck and reverse blade end for end.

No. 553A.	Handle ¼ in. diam.,	blade 1⅞ in. long,	weight ½ oz.	PRICE 1/9 each
,, 553B.	,, ⅜ ,,	,, 3 ,,	,, 1¼ ,,	,, 2/3 ,,

Extra blades, /9 each

Screwdriver for Eye Glasses (Made in U.S.A.)

Fig. 4152 (No. 556)

PRICE .. .. 1/- each

ROSE TOOLS, INC.

Millers Falls Spiral Ratchet Screwdriver (Made in U.S.A.)

Fig. 64

(M.F. Nos. 61, 62, and 67)

An improved spiral ratchet screwdriver having spiral action for driving or withdrawing screws, right and left hand ratchet movements; and a device for making it rigid. These actions are plainly marked on the shifter sleeve, which is quickly and easily operated. The spiral locking device is of new design, positive in action, and especially rigid. Stained hardwood handle. Metal parts polished and nickel-plated.

No.	61	62	67
Length, extended, with bit inserted	20½	26¼	12⅝ in.
,, closed	14½	17½	9½ ,,
Weight, each (without blades)	16	24	8 oz.
PRICE	11/9	16/-	10/- each

Three Blades of different sizes furnished with each tool.

Millers Falls Spiral Ratchet Screwdriver (Made in U.S.A.)

(Automatic Return)

Fig. 64A

(M.F. Nos. 610, 620 and 670)

Metal parts polished and nickel plated

Similar design to Fig. 64 with the addition of a spring in the handle. With the spring the tool works on the principle of an automatic drill in which the handle is pushed and quickly returns for the next stroke.

No.	610	620	670
Length, extended, without blades	18 7/16	24 13/16	11⅞ in.
,, closed	12⅝	16¼	8½ ,,
Weight, each	18	27	9 oz.
PRICE	13/9	18/9	11/8 each

Three blades of different sizes are furnished with each tool.

Goodell Spiral Ratchet Screwdriver (Made in U.S.A.)

Capable of either right or left hand work automatically, or by using the ratchet mechanism, or can be made stationary.

Length extended 19 in.
Angle of Spiral 20°

PRICE .. 11/3 each

Fig. 5336 (No. 111)

Three blades are furnished with each tool.

Millers Falls Ratchet Screwdrivers (Made in U.S.A.)

Fig. 5900. (M.F. No. 63)

Hardwood Handle, exposed parts nickel-plated.
Operates right or left hand or solid.

Size	2	3	4	5	6	8 in.
PRICE	2/8	3/2	3/6	3/9	4/2	4/9 each

Fig. 5900A. (M.F. No. 59)

Hardwood Handle, exposed metal parts nickel-plated.
Operates right or left hand or solid.
Length of blade, 1¼ in. Overall length, 6½ in.
PRICE .. .. 4/2 each

Millers Falls Ratchet Screwdriver (Made in U.S.A.)

Fig. 6482. (M.F. No. 55)

Particularly suitable for wireless, electrical and other light work where small screws are used. Operates right or left hand or solid.

Length of Blade	2	3	4	5	6 in.
PRICE	2/9	3/-	3/2	3/3	3/4 each

ROSE TOOLS, INC.

"Yankee" Spiral Ratchet Screwdriver (Made in U.S.A.)

Fig. 5341 (Nos. 30A & 31A)

Advantages.—Simplicity, compactness, strength, durability; can be used either as a ratchet, a spiral, or a rigid Screwdriver.

The change from right to left hand for either spiral or ratchet is made by moving slide to either end of the slot. A new feature is the locking device for holding the spiral rod rigid when closed or expanded. The Chuck for holding bits is simple and positive in its grip. The bits are thoroughly tested before leaving the factory.

No. 30A 3 Bits are supplied with each tool. Length when extended, 18½ in. .. .. PRICE 12/2 each
" 31A 3 " " " " " " " 25½ " " " " 16/4 "

Fig. 5894 (Nos. 130A & 131A)

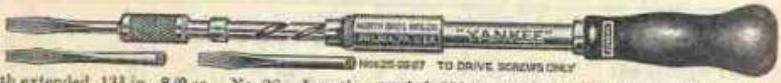
No. 130A **Quick Return.** Similar to No. 30A, except that it has a spring in handle causing handle to return automatically .. .. PRICE 13/11 each
" 131A **Heavy Pattern.** Similar to No. 31A, but with spring as No. 130A .. .. " 16/9 "

Fig. 5895 (Nos. 35 & 135)

No. 35. **Light Pattern.** Similar to No. 30 except that it measures only 7 in. without bit. Length with bit in chuck 9½ in., when closed, 12½ in. when extended .. .. PRICE 9/1 each
" 135. **Quick Return.** Similar to No. 35 but with spring action .. .. " 10/10 "

Fig. 5896A (Nos. 25, 26, & 27)

Right hand only



No. 25. Length extended, 13½ in., 8/9 ea. No. 26. Length extended, 20½ in., 10/11 ea. No. 27. Length extended, 26½ in., 14/2 ea.

Fig. 5896R (Nos. 125, 126 & 127)

Automatic Return

Similar to Fig. 5896A but has spring in handle which causes automatic return.

No. 125. Length extended 14½ in., 9/5 ea. No. 126. Length extended 22 in., 11/8 ea. No. 127. Length extended 29½ in., 15/3 ea.

"Yankee" Ratchet Screwdrivers (Made in U.S.A.)

Fig. 5340 (No. 10)

This Screwdriver will operate either right or left hand, or can be fixed rigid. The adjustments are obtained by means of a small slide. The friction of ratchet is reduced to a minimum, and the construction is such as to obviate wear and breakage, also permitting a very compact arrangement, which reduces size and weight.

Length of Blade	2	3	4	5	6	8	10	12 in.
PRICE	2/8	3/4	3/6	3/10	4/4	4/11	5/10	6/6 each

"Yankee" Ratchet Screwdriver (Made in U.S.A.)

Fig. 5897 (No. 12)

Right and left hand and rigid.

This tool is similar to No. 10 except that the shifter moves transversely and that the blade is only 1½ in. long, designed specially for gunsmiths, fitters, mechanics, etc.

PRICE .. 3/10 each

"Toga" Ratchet Screwdriver. Fig. 917

British Made. Best Quality and Superior Finish.

Size	2	3	4	5	6 in.
PRICE	2/2	2/3	2/4	2/5	2/6 each

Light pattern in 2 and 3 in. sizes at same prices.

ROSE TOOLS, INC.

Marking Gauge
Fig. 5358

Best Beechwood
PRICE .. 1/4 each

Cutting Gauge
Fig. 5357

Best Beechwood
PRICE .. 1/9 each

Combination Mortice & Marking Gauge
Fig. 922

Best Beechwood
Brass Slide and Thumbscrew
PRICE .. 2/6 each

Hardwood Cutting Gauge
Fig. 5360

Hooped Stems
PRICE .. 4/- each

Mortice Gauge
Fig. 5361

With Brass Slide. Rosewood.
PRICE .. 4/2 each

Mortice Gauge
Fig. 5362

With Brass Slide. Plated Head
PRICE .. 5/6 each

Mortice Gauge
Fig. 5363

With Brass Slide. Head faced with Brass
PRICE .. 6/6 each

Mortice Gauge
Fig. 5364

Rosewood
Plated Head. End Thumbscrew
PRICE .. 7/9 each

Registered Mortice Gauge
Fig. 5366

Brass Stem. Ebony Head. Head faced with Brass
PRICE .. 12/6 each

Stanley Gauges (Made in U.S.A.)

For Rabbeted Jambs

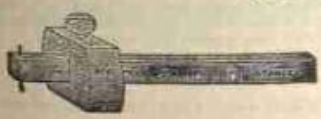
No. 92. Cutter "A" marks from jamb in rabbet; "B" from edge of door engaged in closing; "C" thickness of butt.
Dotted lines show gauge when set to be used as Mortice Gauge.
Rosewood Head, Brass Slide, Screw Adjustment. Graduated in 16ths in. for 3 in.
PRICE .. .. 10/- each

Metal Bar Gauges
Fig. 5367 (Nos. 97 and 98)
Bars 6½ in. long graduated in 16ths in.

No. 97. Metal Head, Pin Point and Roller Cutter .. 4/3 each

No. 98. Metal Head, Pin Point and Roller Cutter .. 6/6 each

Stanley Marking Gauge (Made in U.S.A.)
Fig. 5359 (No. 61)



Square Head. Beech. Boxwood Screw. Rule Marked Stem.
PRICE .. .. 1/- each

ROSE TOOLS, INC.

Wood Spokeshaves

Plain Fig. 5369

Size	2	2½	2¼	3	3½	4	in.
Beechwood ..	21/-	21/-	21/-	24/-	28/-	32/-	per doz.
Boxwood ..	30/-	31/-	32/-	38/-	45/-	53/-	"
Cast Steel Irons only	6/3	6/7	6/11	8/6	9/6	10/10	"

Plated Face. Screwed Iron Fig. 5371

Size	2	2½	2¼	3	3½	4	in.
Beechwood ..	54/-	54/-	54/-	60/-	68/-	77/-	per doz.
Boxwood ..	72/-	72/-	72/-	79/-	90/-	105/-	"
Cast Steel Irons, Screwed Tangs	12/9	12/9	12/9	13/6	14/11	14/11	"

Plated Face Fig. 5370

Size	2	2½	2¼	3	3½	4	in.
Beechwood	27/-	27/-	27/-	30/-	36/-	45/-	per doz.
Boxwood	39/-	41/-	42/-	49/-	57/-	66/-	"
Cast Steel Irons only	6/3	6/7	6/11	8/6	9/6	10/10	"

Bailey's Iron Spokeshaves (Made in U.S.A.)

These Spokeshaves have cutters made from a high grade of steel, well tempered and sharpened, ready for use.

Fig. 5373 (No. 51)

No. 51. Double Iron, Raised Handle, 10 in. long, 2¼ in. Cutter. **PRICE 1/6** each. Extra Cutters 8/- per doz.

No. 52. Double Iron, Straight Handle, 10 in. long, 2¼ in. Cutter. **PRICE 2/3** each. Extra Cutters 8/- per doz.

Fig. 5374 (No. 53)

No. 53. Adjustable Mouth, Raised Handle, 10 in. long, 2¼ in. Cutter. **PRICE 2/-** each. Extra Cutters 8/- per doz.

No. 54. Adjustable Mouth, Straight Handle, 10 in. long, 2¼ in. Cutter. **PRICE 2/9** each. Extra Cutters 8/- per doz.

Fig. 5935 (No. 63)

No. 63. Double Iron, Light, Convex Bottom, 9 in. long, 1¾ in. Cutter.

PRICE 1/3 each. Extra Cutters 6/3 per doz.

Fig. 5936 (No. 64)

No. 64. Double Iron, Light, Straight Bottom, 9 in. long, 1¾ in. Cutter.

PRICE 1/3 each. Extra Cutters 6/- per doz.

Fig. 5376 (No. 55)

No. 55. Double Iron, Hollow Face, Raised Handle, 10 in. long, 2¼ in. Cutter.

PRICE 2/- each. Extra Cutters 8/- per doz.

Fig. 5937 (No. 151)

No. 151. Adjustable Cutter, Raised Handle, 10 in. long, 2¼ in. Cutter.

PRICE 2/3 each. Extra Cutters 8/- per doz.

No. 152. Adjustable Cutter, Straight Handle, 10 in. long, 2¼ in. Cutter.

PRICE 3/- each. Extra Cutters 8/- per doz.

Stanley's Universal Spokeshave (Made in U.S.A.)

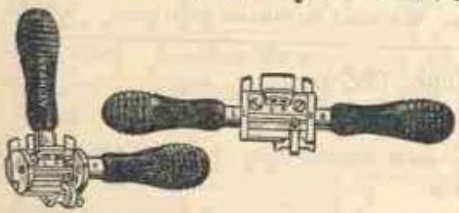


Fig. 5381 (No. 67)

For curved or straight work

Both Handles are detachable, and either of them can be screwed into a socket on top of the stock, thus enabling the operator to work into corners or panels.

9½ in. long, 1¾ in. Cutter.

PRICE 9/- each. Extra Cutters 19/- per doz.

ROSE TOOLS, INC.

Iron Spokeshaves

Fig. 6444

9 in. long. Width of Cutter 1¾ in.
Flat or Round Face

PRICE 1/1 each. Extra Cutters 5/- per doz.

Fig. 6444A

10 in. long. Width of Cutter 2¼ in.
Flat or Round Face

PRICE 1/6 each. Extra Cutters 8/- per doz.

Fig. 6444B

10 in. long. Width of Cutter 2¼ in.
Mouth adjustable for fine or coarse work

PRICE 2/- each. Extra Cutters 8/- per doz.

Fig. 6444C

10 in. long. Width of Cutter 2¼ in.
Fitted with patent adjustment to cutting iron.
Flat or Round Face

PRICE 2/3 each. Extra Cutters 8/- per doz.

Fig. 6445

10 in. long. Width of Cutter 2 in.
Fitted with patent Direct or Lateral Adjustment.
Hollow Raised Handles. Flat or Round Face.

PRICE 5/6 each. Extra Cutters 8/- per doz.

Fig. 924

Tungsten Steel Cutters

10 in. long. Width of Cutter 2¼ in.
Adjustable Cutter.

No. 0151. Flat Face PRICE 2/3 each
No. 0151R. Round Face ,, 2/3 ,,
Extra Cutters .. ,, 8/- doz.

Fig. 925

Tungsten Steel Cutters

10 in. long. Width of Cutter 2¼ in.

No. 051. Flat Face PRICE 1/6 each
No. 051R. Round Face ,, 1/6 ,,
Extra Cutters .. ,, 8/- doz

Fig. 927

Tungsten Steel Cutters

Adjustable Mouth. Raised Handles.
10 in. long. Width of Cutter 2¼ in.

No. 053 .. .. PRICE 2/- each
Extra Cutters .. ,, 8/- doz.

Fig. 928

Tungsten Steel Cutters

10 in. long. Width of Cutter 2¼ in.

No. 053 .. .. PRICE 2/- each
Extra Cutters .. ,, 8/- doz.

Fig. 929

Tungsten Steel Cutters

9 in. long. Width of Cutter 1¾ in.
Round Face

No. 063 .. .. PRICE 1/3 each
Extra Cutters .. ,, 6/- doz.

Fig. 933

Tungsten Steel Cutters

9 in. long. Width of Cutter 1¾ in.
Flat Face

No. 064 .. .. PRICE 1/3 each
Extra Cutters .. ,, 6/- doz.

All Steel Spokeshaves

(Unbreakable)
With Tungsten Steel Cutters

Fig. 934

10 in. long. Width of Cutter 2¼ in.

No. A151. Flat Face .. .. .. PRICE 3/- each
No. A151R. Round Face .. .. .. 3/- ,,
Extra Cutters .. .. .. 8/- per doz.

Fig. 946

10 in. long. Width of Cutter 2¼ in.

No. A51. Flat Face .. .. .. PRICE 2/3 each.
No. A51R. Round Face .. .. .. 2/3 ,,
Extra Cutters .. .. .. 8/- per doz.

ROSE TOOLS, INC.

Patent Lining or Stringing Router

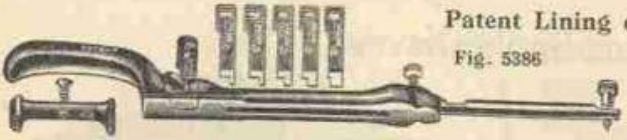


Fig. 5386

Suitable for inlaying "strings" and "bands." The Adjustable Sliding Rod will be found useful for inlaying curves. Supplied with 6 cutters, from $\frac{1}{16}$ to $\frac{1}{4}$ in. wide, and one Reversible Fence. Cutters have patent adjustment for depth.

PRICE, as illustrated, 7/6 each. Cutters 1/4 each

Patent Adjustable Circular Quirk or Grooving Router Fig. 5387

Cutters adjusted by means of milled nut, which also acts as stop, and prevents them being forced back when in use.
Complete with one Cutter each, $\frac{1}{16}$, $\frac{1}{8}$ and $\frac{1}{4}$ in., and 3 Fences, one each for straight, inside and outside curves.

PRICE 13/6 each. Cutters 2/- each

Adjustable Box Scraper (Made in U.S.A.)

Fig. 5382. (No. 70)

Japanned, Maple Handle, 13 in. long; 2 in. Blade
PRICE 4/- each. Extra Cutters 11/- per doz.

"Record" Adjustable Box Scraper

Fig. 935

Ash Handle, 13 in. long; 2 in. Blade.
No. 070. PRICE 4/- each. Extra Cutters 11/- per doz.

"Record" Cabinet Scraper

Fig. 936

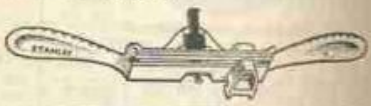
The Scraping Iron is made to cut freely by springing it to a slight curve by adjusting the thumb-screw. The Iron has two scraping edges, and is reversible.
11½ in. long. Width of Cutter 2⅛ in.

PRICE 4/6 each. Extra Cutters 15/- per doz.

Stanley Hand Beader. Fig. 5383. (No. 66) (Made in U.S.A.)

Each beader furnished with a square gauge for straight work and an oval gauge for curved work. Eight steel cutters go with each tool. Both ends are sharpened, thus embracing six single beads, two fluting tools, four reeding tools, two routers and a blank.

Nickel plated, 4½ in. long. PRICE, complete, 8/- each. Extra Cutters 1/6 each



Cast Steel Carpenter's Drawing Knife

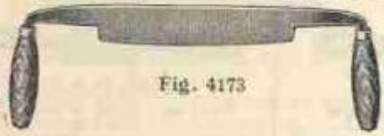


Fig. 4173

Size	..	..	8	9	10	11	12	in.
PRICE	..	..	42/9	45/-	48/-	52/6	57/-	per doz.
Size	..	..	13	14		15	16	in.
PRICE	..	..	62/3	68/3		73/6	81/-	per doz.

Striking Knife Fig. 4172

PRICE, as illustrated, 1/2 each. War Office pattern, 1/6 each. Handled, 1/8 each (Technical pattern)

Shouldered Marking Awls. Fig. 5982

PRICE, 3 in., 3/6; 4 in., 4/8; 5 in., 6/- per doz.

Gent's Drawing Knife

Boxwood Handles. Fig. 4174

Size	..	..	5	5½	6	6½	7	7½	8	in.
PRICE	..	..	36/-	39/-	42/-	45/-	48/-	51/-	54/-	per doz.

Mast Maker's Drawing Knife

Fig. 5898

Size	..	12	13	14	in.
2½ in. wide		79/6	84/-	88/6	per doz.

ROSE TOOLS, INC.

Langdon Mitre Box (Made in U.S.A.)

Fig. 5574

These boxes are very light in weight, easily portable, and are especially convenient to paperhangers in cutting small picture or other mouldings, and for general use where light mouldings are to be worked.

No. 15½. Complete with Saw, 16×2½ in. Weight, 8 lb. .. PRICE 54/- each
„ 16½. „ „ 16×2 „ „ 7 „ .. „ 47/6 „

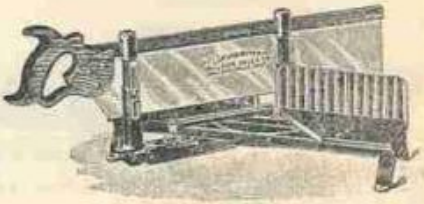
Capacity, 4½ in. at right angles; 3 in. at mitre.

New Langdon Mitre Box (Made in U.S.A.)

Fig. 5575

We warrant all Langdon Mitre Boxes to do perfect work when supplied with back saws fitted by makers.

N.B.—Saws are measured extreme length of blade. For convenience of the operator, the corner of blade under handle is clipped off as shown on illustration. Order by the number.



	No.	Capacity	Saw	PRICE
Size 1	17	6½ in. right angle, 4½ in. mitre	18×4 in. ..	£3 1 0
Size 2	23	9½ in. right angle, 6½ in. mitre	24×4 „ ..	4 0 0
Size 2½	25		28×5 „ ..	4 15 0

New Langdon Improved Mitre Box (Made in U.S.A.)

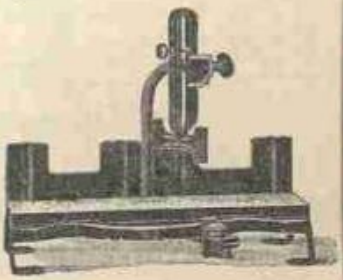
Fig. 5938

Similar to **Fig. 5575**, but provided with circular arms so that it may cut not only any angle from 45° to 90°, but also at any angle from 15° to 90°, on 2½ in. stock, as shown by diagram.

	No.	Capacity	Saw	PRICE
Size 1	29	6½ in. right angle, 4½ in. mitre	24×4 in.	£4 0 0
Size 2	32	9½ in. right angle, 6½ in. mitre	24×4 „	4 7 6
	33		26×4 „	4 11 6
Size 2½	34		28×5 „	5 2 6

Millers Falls Mitre Box (Made in U.S.A.)

Fig. 5589 (No. 110)



This box is made entirely of steel, is simple in design, has but few parts and adjustments are quickly made.

Can be used with either back or panel saw.

Adjustable saw guide with device for squaring with base and back.

Notches for all positive angles. Clamping device for intermediate angles.

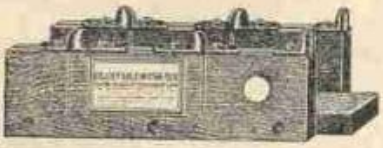
PRICE 29/- each

No saw furnished with this box.

ROSE TOOLS, INC.

Improved Adjustable Mitre Box

Fig. 5578



Beechwood, with Iron Saw Guides. Adjustable to any gauge of Saw. Specially suitable for amateurs' picture framing, and mitring generally.

Size A. For Mouldings, up to 3 in. wide PRICE 3/6 each
„ B. „ „ 4 „ „ 4/3 „

Supplied for Mouldings up to 3 in. wide, without Iron Saw Guides. PRICE 2/- each.

Beech Shuting Board

Fig. 5581

With Solid Mitre Piece and Saw Cuts at back, 18 in. × 8 in.
PRICE 7/- each

Beech Mitre Box

Fig. 5939

Size 9 × 3 in.
PRICE 1/6 each

Beech Mitre Block

Fig. 5579

Style A. Solid, 9 in.
PRICE 1/- each

Beech Mitre Template

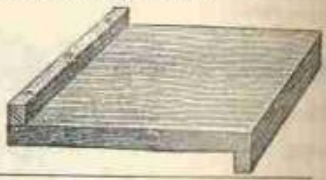
Fig. 5580

PRICE /9 each

Beech Bench Hook

Fig. 6466

Dowelled Ends
2/3 each
Screwed Ends
2/- each
Size
10 × 6 × ⅞ in.



Wood Trimmers

All standard makes supplied. Prices on application.

Patent Mitre-Cutting Machine

For Joiners, Picture Frame Makers and Amateurs

Fig. 1741

A perfectly true and accurate tool which will produce an exact angle or mitre of 45 degrees. The working parts are machined, cutter arm carrying knives is jointed and held down in a quadrant, and while the arm works freely, it is impossible for the knives when operating to leave the face of the Machine on which they have their bearing. The knives are ground up perfectly true after hardening and made in two halves, each half being held in position by two screws. An attachment is arranged at back of Machine which contains a self-adjusting screw, fitted with india-rubber pad, by which the moulding is firmly held for cutting.

Extra Knives

Size A. To take in Mouldings up to 2½ in. wide. PRICE 34/- each. Extra Cutters 10/- per pair
„ B. „ „ „ 4½ „ „ 51/9 „ „ „ 14/- „

When ordering Single Cutters, please state Right or Left Hand. All parts are interchangeable.
These Mitre Cutters are carefully tested before being sent out, and guaranteed to cut a true angle of 45 degrees.

Millers Falls Jointer Gauge (Made in U.S.A.)

Fig. 5584 (Millers Falls No. 88)

Instantly adjustable to iron planes of all sizes by adjustable cams and to wood planes with ordinary wood screws. The gauge may be adjusted for planing on the square or on a bevel. Made of iron, black enamelled, except flat surface which is polished and nickel-plated.

Length 9 in. Weight 2¼ lb. PRICE 9/3 each.

ROSE TOOLS, INC.

The "Maco" Adjustable Template

Fig. 5940

No. 5.

This tool is designed for securing the profile or shape of anything in a few seconds. It is composed of hundreds of very fine pieces of hard drawn brass, the thickness of each being ·007 in. These are held in position by two specially constructed clamps, secured by two thumb-screws and springs, by the tension of which the laminations take the shape of anything they are pressed against.

Nos. 4 and 5 are fitted with Guide Bar, which slides in unison and maintains the laminations in correct position whenever a profile is being taken.

A Recorder Frame can be supplied for Nos. 2 to 5 inclusive, which enables a profile to be recorded on a card index.

No.	1	2	3	4	5	
Size	2	4	6	9	12	in.
PRICE	10/6	21/-	36/-	80/-	150/-	each
,, with spirit level	—	30/-	39/-	90/-	160/-	,,
,, extra for recorder frame	—	6/9	7/6	12/-	15/-	,,

Screw Boxes and Taps

Fig. 5814. For Making Wooden Screws

Diam.	¼	⅜	½	⅝	¾	1	1¼	1½	2	2½	3	in.
PRICE	10/3	10/3	11/6	13/3	14/6	16/6	23/-	29/-	37/6	49/3	60/9	each

Screw Plates and Taps for Wooden Screws

(Foreign)

Fig. 6480

With Metal Bodies

Diameter	⅛	⅛	¼	⅜	½	¾	1	1¼	1½	2	2½	3	in.
	10	12	16	20	25	32	38	45	50	55	60	⅝	
PRICE, complete with tap	13/3	13/3	14/-	16/3	19/3	24/-	48/6	69/6	85/-	99/3	117/9	each	
,, tap only	4/6	4/6	4/9	6/3	8/-	12/3	15/9	24/-	30/3	38/9	48/6	,,	

⅛ to 1½ in. sizes have only one handle. 1¼ to 2½ in. have two handles as illustrated.

The "A 1" Fretsaw

Fig. 5949

Designed to secure great rigidity.

Table is fitted with patent tilting arrangement.

Wooden arms provide swing of 19 in. between saw and the back frame and are kept from warping by adjustable steel trusses.

Arm is automatically raised and brought to rest when saw breaks by counter balance spring fitted to back end of top wooden arm.

Saw blades secured by patent lever clamps.

Balance wheel spindle arranged to hold a drill.

Machine supplied with 12 saws, one drill bit, screwdriver and spanner.

PRICE .. .. .. £2 15 0 each

The "Imperial" Fretsaw

With Drilling Attachment

Fig. 6469

A most complete and popular treadle machine.

The arms, which are kept rigid by means of adjustable trusses, have a swing of 19 in. between the saw and the frame. They work on knife edges, and are fitted with connecting links, which prevent them from flying off.

Diameter of Tilting Table is 10¼ in.

The machine is also fitted with a very useful metal tray and drilling attachment.

The spring-open clamps securely grip even the finest saw.

PRICE .. .. .. £4 10 0 each

ROSE TOOLS, INC.

Brown & Sharpe's Nail Sets (Made in U.S.A.)

Fig. 5742

These Nail Sets are of tool steel carefully hardened. They are of convenient sizes, about 4 in. in length and are knurled to give a good finger grip. The points are concave and the edges rounded.

No.	Diameter at Point in.	PRICE each
762	1/16	1/-
	5/64	1/-
	3/32	1/-
	7/64	1/-
	1/8	1/3

PRICE 11/6 per doz.

Starrett's Nail Sets (Made in U.S.A.)

Fig. 5743. (No. 116)

Length 4 in.

Diameter at tip, A .. .. 1/16 in.
" " B .. .. 3/32 "
" " C .. .. 1/8 "
" " D .. .. 5/32 "

PRICE /9 each

In plain box
PRICE 7/9 per doz.

If fitted in round wooden box, holding one doz., assorted, PRICE 9/- per doz.

Nail Holder and Set Combined

Fig. 5744. (No. 119)

PRICE 1/6 each

Best London Made Cast Steel Brad Punches

Fig. 5745. Carpenters' Flooring Punches, /8 each. **Fig. 5746.** Carpenters' Brad Punches, round or square ends, /5 each.

Millers Falls Nail Sets (Made in U.S.A.)

Fig. 5983. (Nos. 451/5 & 4501)

Square head prevents punch rolling on inclined surface. 4 in. long × 1/8 in. body.

No. 451, 1/16 in.; No. 452, 1/8 in.; No. 453, 3/16 in.; No. 454, 1/4 in.; No. 455, 5/16 in.; No. 4501, 1 doz. assorted PRICE 6/3 per doz.

Millers Falls "O.K." Nail Sets (Made in U.S.A.) Fig. 5984. (No. 310). Blued Finish

Body diam. ..	1/8	1/8	1/8	1/8	1/8	in.
Points diam. ..	1/16	1/8	3/16	1/4	5/16	"
PRICE, 4 in. long	41/8					per gross

Millers Falls Tool Holders (Made in U.S.A.) Fig. 5319

These tools are made from high grade steel and carefully tempered and finished and honed to a fine cutting edge. The tools are contained in the handle, which has a screw cap. The jaws hold tools shown in the illustration, also a variety of other kinds of shanks.

Fig. 5319. No. 1

Length of Handle ..	6 in.
Number of Tools ..	20
Length of Tools ..	1¼ in.
PRICE	7/6 each

Fig. 5319. No. 4

Length of Handle	6¼ in.
Number of Tools ..	10
Length of Tools ..	2¼ in.
PRICE	10/6 each

Fig. 5319. No. 5

Length of Handle	7¼ in.
Number of Tools ..	10
Length of Tools ..	4 in.
PRICE	14/2 each

ROSE TOOLS, INC.

Carpenters' Tool Cabinets

Fig. 923

These Cabinets have been prepared with the utmost care and deliberation. The Cabinets are well made in seasoned and polished English Oak. The Tools are the finest obtainable, and are such as any practical joiner would use.

Set No. 1

Polished Oak Case 21 in. × 14 in. × 5½ in. Fitted with 2 Drawers and lock and key, containing :—

1 8in. Diamond plated square
1 ½ in. Handled firmer chisel
1 4 in. Carpenter's mallet
1 ½ in. Handled firmer gouge
1 No. 1 adze eye hammer
1 8 in. Tenon saw
1 No. 1 Warrington hammer
1 14 in. Hand saw
1 3 in. Fancy beech screwdriver
1 8 in. London pattern screwdriver
1 8 in. Hand bastard file
1 6 in. Cabinet rasp
1 8in. Half-round bastard file
2 File handles
1 Nail claw
1 Pair 8 in. pliers combination
2 Gimlets
2 Bradawls
1 Pair 6 in. pincers, tower
1 ½ Flat glue pot and brush
1 No. 0110 round plane
1 Pair 6 in. wing compasses
1 2 ft. 4-fold Boxwood rule
1 6 × ½ in. Cold chisel
1 Oilcan
1 Carpenter's pencil
Assorted nails and screws
Durex glass paper

ILLUSTRATION OF SET No. 2

These sets may be modified in many ways to customers' requirements

PRICE £3 17 6 complete

Set No. 2

Polished Oak Case 28 in. × 17 in. × 8 in. Fitted with 2 Drawers and lock and key, containing :—

1 22in. Skew back handsaw
1 12 in. Tenon saw
1 No. 4 Warrington hammer
1 No. 1 Adze eye hammer
1 7½ in. Diamond plated square
1 4 in. Fancy boxwood screwdriver
1 8 in. Fancy boxwood screwdriver
1 8 in. Half-round bastard file
1 8 in. Hand bastard file
1 6 in. Half-round Cabinet rasp
1 2 in. Boxwood spokeshave
1 Small padsaw with blade
1 N.P. ratchet brace
1 ¼ Black centre bit
1 ½ Black centre bit
1 ¼ Black turnscrew bit
1 ⅜ Black shell bit
1 ½ Black rose bit
1 ¼ Handled firmer chisel
1 ½ Handled firmer chisel
1 ¾ Handled firmer gouge
1 ½ Handled firmer gouge
1 Cutting gauge, beech
1 Mortice gauge, rosewood
1 6 in. Tower pincers
1 5 in. Carpenter's mallet
1 ½ pint glue pot and brush
1 No. 3 round plane
1 Pair 8 in. electrician's pliers
1 Pair 7 in. wing compasses
1 Handled marking awl
1 Brad punch
3 Assorted gimlets
3 Assorted bradawls
1 10 in. 8-bit level
1 6 × 3 in. Cabinet scraper
1 2 ft. 4-fold Boxwood rule
3 File handles
1 Cork rubber
1 6 × ½ in. Cold chisel, flat
1 8 × 2 × 1 in. Washita Oilstone
1 Oak case for oilstone
1 Carpenter's pencil
1 Oilcan
1 Box screws and nails
Durex glass paper

PRICE £5 6 0 complete

Portable Tool Chest Fig. 6118

Solid oak throughout.

4 or 5 drawers all lined with Feltette, dull finish.

Fitted with good English lock and leather handle.

Outside Dimensions			Drawers Inside	
Depth	Height	Length	Length	Depth
8 in.	10½ in.	16½ in.	14½ in.	5½ in.

PRICE, 4 Drawer .. .. **37/6 each**
" 5 " .. .. **42/-** "

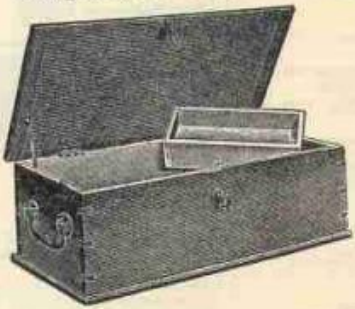
Jointers' Tool Chests. Fig. 6119.
Fitted with tray or divisions
Size, 21½ × 10½ × 12 × ⅞ in. deal .. .. **PRICE 50/- each**

Linesmen's Tool Chests. Fig. 6120.
Fitted with tray
Size, 34½ × 16½ × 17½ × 1¼ in. deal .. .. **PRICE 90/- each**

Upright Tool Cabinets for Walls. Prices on application.

Carpenters' Aprons. Fig. 5549. White Canvas.
PRICE 9/- each

Carpenters' Tool Chests Fig. 6117



Ash, dovetailed corners, side handles, hasps and staples. Polished.

Furnished with small tray for nails, &c.

No.	Size in.	PRICE each	No.	Size in.	PRICE each
1	16 × 5 × 4	18/9	4	26 × 12 × 9	45/-
2	16 × 8½ × 6	26/3	*5	28 × 12 × 10	52/6
3	20 × 9 × 8	33/9	*6	30 × 14 × 12	57/-

* Nos. 5 and 6 supplied with Drawer.
No. 10. Extra Heavy Pattern. **PRICE 63/- each.**

ROSE TOOLS, INC.

Exeter or Rivetting Hammers

With Best Polished Oval Ash Handles

Fig. 5455

Size ..	00	0	1	2	3	4	5	6	7	8	9	10	
Weight	4	5½	6½	8	9½	11	12½	14	16	18	21	23	oz.
PRICE	1/1	1/1	1/2	1/3	1/5	1/8	2/-	2/3	2/6	3/-	3/6	4/-	ea.

Warrington Hammers

With Best Polished Oval Ash Handles

Fig. 5456

Size ..	00	0	1	2	3	4	5	6	7	8	9	10	
Weight	6	8	10	12	14	16	18	20	22	25	28	31	oz.
PRICE	1/1	1/1	1/2	1/3	1/5	1/8	2/-	2/3	2/6	3/-	3/6	4/-	ea.

Ball Pane Pin Hammer

Fig. 5788

PRICE 1/6 each

Cross Pane Pin Hammer

Fig. 5787

PRICE 1/6 each

These Hammers can now be furnished in **Bronsteel Non-Sparking** non-ferrous metal for use in danger zones.

Adze Eye Carpenters' Claw Hammers (Made in Canada)

Fig. 5551

	"Garden City"					
No.	32C	32B	32	32A	32D	
Weight	7	13	16	20	24	oz.
PRICE	47/3	47/3	49/6	51/-	54/-	per doz.

Plumb Nail Hammers (Made in U.S.A.)

Made in three finishes, viz.:—HF 70 and HF 80 series having black heads, red handles and screw wedges. No. 70 series highly polished heads, white hickory waxed handles. No. 129 series "Quaker City" polished heads, hickory handles.

Fig. 6401

Plain Face

Ball Face

SIZES AND PRICES

No.	Approx. Weight oz.	PRICE per doz.	No.	Approx. Weight oz.	PRICE per doz.	No.	Approx. Weight oz.	PRICE per doz.	No.	Approx. Weight oz.	PRICE per doz.
HF70	28	83/-	70	28	83/-	HF80	20	60/-	129	20	44/-
71	20	60/-	71	20	60/-	81	16	56/-	130	16	42/-
72	16	56/-	72	16	56/-	82	13	53/-	131	12	40/-
73	13	53/-	73	13	53/-	83	7	51/-			
						84	4	51/-			

Fig. 5457

Best Canterbury Hammers

With Best Oval Ash Handles

Size	0	1	2	3	4	5	6	7	8	
Weight	10	12	14	16	20	24	26	28	32	oz.
PRICE ..	3/3	3/4	3/8	4/-	4/4	4/8	5/-	5/6	8/-	each

Glazier's Hammer

Fig. 5479

PRICE .. .. 3/6 each

ROSE TOOLS, INC.

Tea Chest Hammers

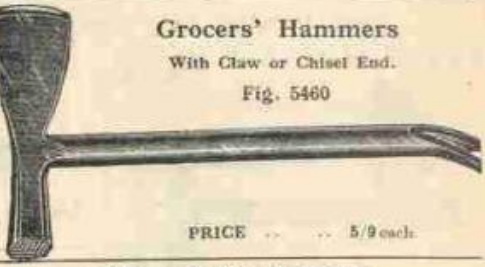
Fig. 5478

A—Plain Face, Handled .. PRICE 4/10
B—Chequered Face, Handled 5/-

Grocers' Hammers

With Claw or Chisel End.

Fig. 5460



PRICE .. .. 5/9 each.

Orange Chest Hammer

Fig. 5464

PRICE .. 6/- each

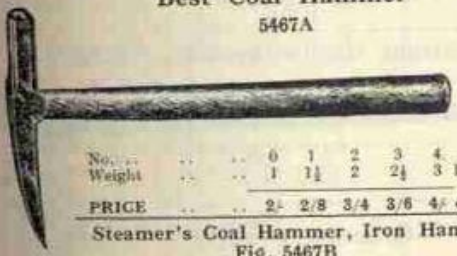
Boxmaker's Hammer

Fig. 5553

Weight	12	14	16	18	20 oz.
PRICE, Handled ..	5/6	5/6	5/6	6/-	6/- each

Best Coal Hammer

5467A



No.	0	1	2	3	4
Weight	1	1½	2	2½	3 lb.
PRICE	2/-	2/8	3/4	3/6	4/- each

Steamer's Coal Hammer, Iron Handle

Fig. 5467B

Extra heavy, 7/9 per lb. Average weight, 6 lb. each.

Goodell-Pratt Brass Hammers. (Made in U.S.A.)

Fig. 5550

Convenient and practical in any place where a soft hammer is desired.

No. 91 has steel handle with knurled grip. Others have polished hardwood handles.

	Head	Net Weight	PRICE
No. 91 ..	½ × 1½ in.	2 oz.	3/- each
,, 92 ..	⅝ × 1½ ,,	4 ,,	3/4 ,,
,, 93 ..	¾ × 2¼ ,,	8 ,,	4/2 ,,
,, 94 ..	1 × 3 ,,	16 ,,	5/- ,,

Pin Maul

Fig. 5472

PRICE .. .. .. 7/10 per lb.

Double Pin Maul

Fig. 5473

PRICE .. .. .. 1/- per lb.

Stonebreaking Hammer

Fig. 5558

Oval Eye

PRICE .. .. .. 7/10 per lb.

Spalling Hammer

Fig. 5557

PRICE .. .. .. 7/9 per lb.

Mill Bills

Fig. 5555

A. With Eyes
B. Without Eyes
PRICE 1/8 per lb.

Mason's Punch Hammer

Fig. 5471

PRICE .. .. .. 7/10 per lb.

Mason's Club Hammer

Fig. 5556

PRICE .. .. .. 7/10 per lb.

ROSE TOOLS, INC.

Wood Handled Ship Scrapers

Fig. 5511

PRICE .. .. 1/6 each

Solid Ship Scrapers with Socket

Fig. 5512

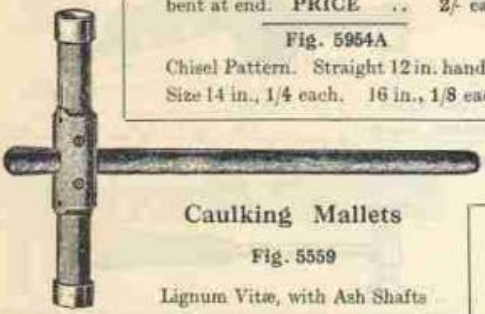
PRICE .. 2/6 each

Ship Scrapers Fig. 5954

Flat Steel $1\frac{1}{4} \times \frac{1}{8}$ in.; 10 in. long bent at end. PRICE .. 2/- each

Fig. 5954A

Chisel Pattern. Straight 12 in. handles
Size 14 in., 1/4 each. 16 in., 1/8 each.



Sailmakers' Palms

Fig. 5953

A quality, 1/-; B quality, 1/3; C quality, 1/6 each.

Caulking Mallets

Fig. 5559

Lignum Vitæ, with Ash Shafts

PRICE .. .. 12/- each

Bright Marline Spikes Fig. 5510

Size	8	10	12	14	16 in.
PRICE	1/5	1/7	2/-	2/6	2/8 each

Sailmakers' Serving Mallets

Boxwood Fig. 5951

PRICE .. .. 4/- each

Sailmakers' Serving Boards

Fig. 5952

PRICE .. .. 4/6 each

Best Cast Steel Shipwrights' Caulking Tools

Fig. 5844 Straight Caulking Iron, 2/4 each

Fig. 5845 Bent Caulking Iron, 2/6 each

Fig. 5846 Single Crease Iron, $\frac{3}{16}$ in., 2/10; $\frac{1}{4}$ in., 3/-; $\frac{5}{8}$ in., 3/4 each

Fig. 5847 Double Crease Iron, 3/2 each

Fig. 5848 Sharp Iron, 2/6 each

Fig. 5849 Spike Iron, 2/4 each

Fig. 5850 Tremail Iron, 2/4 each

In sets of eight, 23/-. Other Patterns in Stock. **Prices on application.**

ROSE TOOLS, INC.

Holbrook's (Made in U.S.A.)

Hide Faced Hammers Fig. 3658

For machinists, workers in brass or silver, jewellery manufacturers, or anyone who needs to strike a hard blow without bruising the material.

When worn out, the faces can be renewed at slight cost. The new faces need no fastening except a tight fitting in the shell.

No.	Weight lb.	Diam. of Face in.	PRICE each	Extra Faces per pair
0	¼	¾	5/8	2/-
1	1½	1¼	6/7	2/1
2	1½	1½	8/5	2/6
3	2½	1¾	10/-	3/2
4	4½	2	14/6	5/6
5	5½	2¼	18/4	8/-

No. 0 has a shell or casting of bronze.

Raw Hide Mallets

Fig. 3659

These are light mallets, made entirely of hide (except the handle), and suited to a variety of uses.

No.	Diam. in.	Length in.	Weight oz.	PRICE per doz.
0	1	2½	2	33/-
1	1½	3½	4	40/-
2	1½	3½	6	46/6
3	1¾	3½	8	53/-
4	2	3½	10	67/-
5	2¾	4½	22	148/6
6	2¾	4½	34	168/-

Patent Raw Hide Mallets

Fig. 3660. Loaded

Same size as ordinary Raw Hide Mallets Nos. 1 to 5 inclusive, but, having a central strip of soft metal rolled up with the hide, the weight is double without increasing the size.

No.	Diam. in.	Length in.	Weight oz.	PRICE per doz.
7	1½	3½	8	47/-
8	1½	3½	11	53/6
9	1¾	3½	14	60/6
10	2	3½	18	75/6
11	2½	4½	38	167/6

Miller Composition Mallets Fig. 5981

These mallets will not crack, chip or dry out.
Their laminated construction, built in one piece by a special process, ensures remarkable durability.

No.	Size in.	Weight Without Handle oz.	Overall Length in.	PRICE each
8	2 ×3½	8	11	5/-
16	2½×4½	16	12	7/6
24	2¾×5½	24	14	10/-

British Hide-Faced Hammers

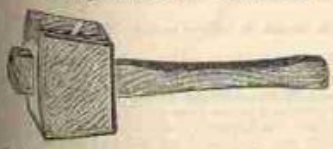
Fig. 3658B

No.	Approx. Weight lb.	Diam. of Face in.	PRICE each	Extra Faces per pair
0	½	¾	2/6	1/-
1	1½	1¼	3/-	1/4
2	1½	1½	3/8	1/8
3	2½	1¾	5/-	2/-
4	3½	2	7/6	3/-
5	6	2½	10/3	4/6

British Raw Hide Mallets Fig. 3659B

No.	Approx. Weight oz.	Diam. in.	PRICE each
0	2	1	1/10
1	3	1¼	2/2
2	5	1½	2/6
3	7	1¾	3/2
4	10	2	4/-
4A	12	2¼	5/6
5	16	2½	7/-
6	20	2½	7/8
7	24	2¾	8/8
8	30	3	11/-

Carpenters' Mallets Fig. 5785



Beech and Lignum Vitæ

Size	3	4	4½	5	5½	6	7 in.
PRICE, Beech	—	1/6	1/8	1/10	—	2/5	2/7 each
,, Lignum Vitæ	3/-	—	3/6	4/9	5/-	—	— ,,

Masons' Mallets Fig. 5786

Size	6	7	8 in.
PRICE	3/9	5/3	7/2 each

ROSE TOOLS, INC.

Best Lancashire Pincers

Fig. 5732

Size	6	7	8	9	10	12	in.
PRICE, Cutting	3/9	4/6	5/-	6/6	8/3	11/3	each
" Jointers'	2/-	2/6	3/-	7/-	9/9	12/6	"

Tower Pincers

Fig. 5733

Size	6	7	8	9	10	in.
PRICE	2/-	2/6	3/3	3/9	5/-	each

"Victor" Nail Puller

Fig. 5482

Jaws made of best steel. Warranted.

	PRICE each
A. Small size, 16 in.	9/-
B. **Regular size**, 19½ in.	10/-
C. Extra large, 28 in.	18/-

Can also be furnished with claw hammer head rammers.

Extra cost, A, 2/9; B, 3/-; C, 3/4

"Bahco" Nail Puller

(Foreign)

Fig. 6465

Well and strongly made and will stand hard use.

Made of specially selected Swedish steel.

Length 17¾ in.

PRICE 7/9 ea

"Bahco" Case Opener

(Foreign)

Fig. 289

An exceedingly useful tool. Can be used as a hammer, nail-puller, case-opener or hatchet. No 40 has a steel handle.

No.	40	41	42
Length of Blade	1⅛	2¼	3¼ in
Overall length	9	12½	20½ "
Approx. weight	¼	1¼	4⅛ lb.
PRICE	2/6	3/6	11/9 ea.

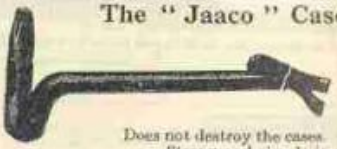
No. 41 can be supplied nickel-plated. PRICE 4/6 ea.

Best Warranted Case Opener. Fig. 5462

Length	12	14	16	18	inch
PRICE	5/-	5/3	6/-	6/9	ea.

The "Jaaco" Case Opener

Fig. 5957



Does not destroy the cases. Made in one piece. Strong and simple in operation.
PRICE, large, 6/-; small, 3/9 each

"Agripta" Case Binder

Fig. 6420

Combines both tensioning and sealing apparatus

Entirely British

Light to handle. Simple in action and speedy in use Only one inch of overlap hooping is necessary.

Hooping round case is tightened with the tensioning lever; then join hooping with a seal by pressing sealing levers downwards.

Any good quality commercial hoop iron can be used.

Machine is made for ½, ⅝, ¾ or ⅞ in. hooping.

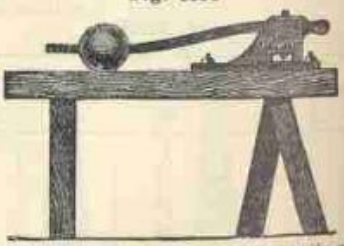
PRICE, complete Tensioning and Sealing Machine, ½ in., £9 9 0; ⅝ in., £10 10 0; ¾ or ⅞ in., £12 12 0 each.

PRICE, Seals, for ½ in., 17/6; ⅝ in., 25/-; ¾ in., 27/6; ⅞ in., 30/- per 1000

Large stock of suitable Hooping

Hoop Punching Machine

Fig. 5831



Fitted with improved slide, and does not easily get out of order.

No. 1. Machine, as illustrated, with wood stand, ball and extra punches.

No. 1A. Fitted with shears as well as punch, for cutting hoops to length.

No. 2. Made on heavier lines, and designed to punch heavier hoops. Will punch round or oval holes through hoops up to 1¼ in. × 16 w.g., and is a useful machine where the amount of punching to be done is not large. With wood stand and one round punch and die.

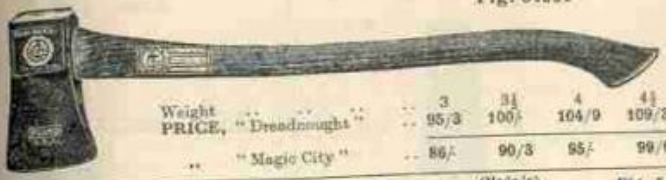
No. 3. For punching two oval or round holes at end of hoops in one operation. With wood stand, and fitted with two punches and one double die.

Prices on application

ROSE TOOLS, INC.

Plumb Felling Axes (Made in U.S.A.)

Fig. 5496P



Furnished in two finishes :—
"Dreadnought." Black, non-rusting head. Mahoganized Hickory Handles.
"Magic City." Polished Head, with body painted blue. No. 2 grade Hickory Handles.

Weight	3	3½	4	4½	5	5½	6	6½	7 lb.
PRICE, "Dreadnought"	95/3	100/-	104/9	109/3	114/-	118/6	123/-	132/3	141/6 doz.
" "Magic City"	86/-	90/3	95/-	99/6	104/-	108/9	113/3	122/6	131/9 "

COLLINS' YANKEE FELLING AXES (Made in U.S.A.) Fig. 5498. PRICES on application.

British Made Felling Axes. Fig. 5496B

Weight	3	3½	4	4½	5	5½	6 lb.
PRICE	6/8	7/-	7/3	7/8	7/9	8/3	8/9 each

Felling Axes, with Round Eyes, suitable for South America, can also be supplied.

Plumb Hunters' Axes (Made in U.S.A.)

Fig. 5493P

Two Finishes.
"HF" Black Heads, Red Handles.
"QC" Polished Heads, White Handles

No.	672	674	675	
Weight	1¼	1½	2	lb.
Width Cutting Edge	3½	3½	3½	in.
PRICE, "HF"	61/6	66/3	68/6	doz.
" "QC"	51/9	55/3	58/9	"

Plumb Lathing Hatchets (Made in U.S.A.)

Fig. 1684

Two Finishes.
"HF" Black Heads. Red Handles.
"P" Polished Heads, White Handles.

No.	2981	2982	621	622	
PRICE, "HF"	56/3	61/6	—	—	doz.
" "P"	—	—	58/9	61/6	"

Handled Side Hatchets (Made in U.S.A.)

Fig. 5497

No.	3	4	5	6	
Cut	4½	5	5½	6	in.
Weight	2½	2¾	3½	3¾	lb.
PRICE	7/3	7/6	8/6	9/6	ea.

Shingling Hatchets (Made in U.S.A.)

Fig. 5498

No.	1	2	3	
Cut	3½	3¾	4½	in.
Weight	1⅛	1½	2	lb.
PRICE	4/6	5/-	5/6	ea.

Best Cast Steel Firemen's Axes Fig. 5491

PRICE .. .. 7/3 each

Steel Poll Kent Hatchets

Fig. 5492

No.	1	2	3	4	5	6
PRICE	2/6	3/-	3/4	3/8	4/-	4/6 each

Best Solid Steel Tomahawks

Fig. 5493. Bright and Japanned.

Size	1½	1¾	2 lb.
PRICE	3/9	4/-	4/6 each

Ice Axes

Fig. 6410

PRICE, 12/6 each.

ROSE TOOLS, INC.

Steel Poll Kent Axes

Fig. 5484

Weight ..	2½	3	3½	4	5	6 lb.
Price, Handled	4/2	4/10	5/4	5/10	6/10	8/- ea.

Steel Poll Kent Felling Axes

Fig. 5485

PRICE 1/6 per lb.

Wood Paving Side Axes

Fig. 6071

PRICE 8/6 each

Ship Carpenters' Adzes. Fig. 5502

No.	1	2	3	4
PRICE ..	5/-	5/2	5/4	5/6 each

Spout Adzes. Fig. 5899

No.	1	2	3	4
PRICE	5/6	5/8	5/10	6/- each

Platelayers' Adzes.

Size	5	6	7 lb.
Fig. 4158 Black, Half Head .. .. PRICE	6/9	7/6	8/6 each
Fig. 4159 „ with Pin .. .. „	7/6	8/6	9/6 „

Carpenters' Adzes

Pin Head. Fig. 5499

No. ..	1	2	3	4
PRICE	4/8	4/10	5/-	5/2 each

Steel Head Carpenters' Adzes. Fig. 5500.

No.	1	2	3	4
PRICE	4/4	4/6	4/8	4/10 each

London Wheelers' Adzes

Fig. 5501

No. ..	1	2	3	4
PRICE	5/4	5/6	5/8	6/- each

Paviors' Hammers. Fig. 6073

7/6 each

Wood Choppers. Fig. 6072

8 in. long. Straight wooden handle. PRICE 2/- each.

Steel Poll Coach Side Axes. Fig. 5487

Prices on application

Mahogany Squaring Axes. Fig. 5483

Prices on application

Timber Wedges

Fig. 5495

Stock sizes—
10×2½×1½, 8×1¾×1½, 7×1½×1 in.
PRICE 7/6 per lb.
Any size made to order

Timber Scribes

Fig. 5791
Tea Scribe
½ in. 3/4 ea.
1 in. 4/- „

Fig. 5793
With Slide
7/- each

Fig. 5794
Goose Neck
Beech
Handle
2/8 each

Timber Swords, Crayons, etc., supplied to order.

Cant Hooks. Fig. 6450

A light handy tool and one of the most useful appliances for use in the woods or timber yard. The gripping points are hardened steel and the handle is made of well-seasoned ash, rounded at the end.

Approx. weight, complete, 18 lb.
PRICE 21/- each

ROSE TOOLS, INC.

Brown & Sharpe Manufacturing Co.'s Mercury Plumb Bobs (Made in U.S.A.)

Fig. 3105 (No. 790)

These Plumb Bobs are made from a solid steel rod, bored out and filled with mercury, or quicksilver, which makes them unusually heavy in proportion to their size. The centre of gravity is low. Illustration on left shows the manner in which these plumb bobs are constructed. The comparatively small diameters allow them to be used close to corners and walls. They are not easily affected by draughts of air and may be conveniently carried or packed in small spaces.

Points are hardened and bodies and points are ground. The plumb bobs are nickel-plated, and each is furnished with a braided silk line.

PRICES, each

4 in. long	½ in. diam.	3¼ oz.	7/6
4½ " "	¾ " "	6 "	10/-
5½ " "	¼ " "	12 "	12/6
6 " "	1 " "	16 "	15/-

Millers Falls Plumb Bobs (Made in U.S.A.)

Fig. 3117. (Nos. 1-4)

These plumb bobs are machine turned from cold rolled steel. Points sharpened and hardened.

No.	1	2	3	4	
Length	2¾	3½	4	5	in.
Weight	3	6	8	9½	oz.
PRICE	1/3	1/6	2/4	3/-	each

Starrett's Mercury Plumb Bobs (Made in U.S.A.)

Fig. 3106 (No. 87)

This plumb bob is similar in design to Fig. 3105, excepting the method of fastening cord.

4 in. long,	½ in. diameter,	3½ oz.	.. ..	8/3 each
5 " "	½ "	6 "	.. ..	11/- "
5½ " "	¾ "	12 "	.. ..	13/9 "
6 " "	1 "	16 "	.. ..	16/6 "

Steel Plumb Bobs (Made in U.S.A.)

Fig. 3106a (No. 177)

Same design as Fig. 3106, but made from solid steel, the mercury being omitted.

4 in. long,	½ in. diameter,	2¾ oz.	.. ..	5/6 each
5 " "	½ "	5 "	.. ..	6/9 "
5½ " "	¾ "	8½ "	.. ..	9/6 "
6 " "	1 "	14½ "	.. ..	13/- "

Engineers' Brass Plumb Bobs

Fig. 3107. Screw Tops. Steel Points.

No.	Approximate Weight	PRICE each
00	1½ oz.	7/9
0	2½ "	7/11
1	3½ "	1/-
2	4½ "	1/5
3	6 "	1/9
4	8 "	2/2
5	10 "	2/6
6	13 "	3/3
6½	16 "	4/-
7	20 "	5/6
8	24 "	7/-
9	32 "	9/-
10	40 "	11/-
11	48 "	13/6
12	64 "	18/-

Lead Plumb Bobs

Fig. 4135

1/- per lb.

Iron Plumb Bobs

Japanned

Fig. 4882

Size, lb.	½	¼	½	1
Each	1/3	1/11	2/2	2/8
Size, lb.	1¼	1½	1¾	2
Each	3/2	3/8	4/-	5/4

ROSE TOOLS, INC.

Spirit Levels

Warranted. With Best Proved Tubes. French Polished.

Fig. 5393

Narrow Level. Brass Plated Top.

Size	4	6	8	9	10	12 in.
No. 1621	7/10	1/2	1/5	1/7	1/10	2/2 each

Narrow Level. Brass Plated Top. Tipped Bottom.

Size	6	8	9	10	12 in.
No. 1622	1/6	1/9	1/11	2/2	2/6 each

Broad Level. Brass Plated Top.

Size	6	8	9	10	12	14	16	18 in.
No. 1326	1/4	1/6	1/9	1/11	2/3	2/8	3/7	5/10 each

Broad Level. Brass Plated Top. Tipped Bottom.

Size	6	8	9	10	12	14	16	18 in.
No. 1327	2/-	2/3	2/7	2/11	3/3	3/8	4/10	7/3 each

Fig. 5400

Ebony Level. Brass Plated Top. Tipped Bottom.

Size	8	9	10	12 in.
No. 1340	3/-	3/3	3/6	4/- each

Ebony Level. Brass Plated Top.

Size	4	6 in.
No. 1891	1/-	1/5 each

Ebony Level. Brass Plated Top. Tipped Bottom.

Size	4	6 in.
No. 1800	1/9	1/11 each

Builders' & Road Makers' Level Fitment

For Mounting in Wood Stock. Fig. 5931

Bubble Tube can be adjusted true to the base of level when fitted to Level Stock.

Size	7½	9½	11½ in
PRICE	3/3	4/-	4/9 each

Walnut Plumb and Level

Fig. 9949

Brass Plated Top. Tipped Bottom.

Size	6	9	10	12 in.
No. 1627	1/10	2/3	2/6	2/9 each

Boat-Shaped Rosewood Plumb & Level

Fig. 5402

Brass Plated Top. Tipped Bottom.

Size	6	8	9	10	12 in.
No. 1625	2/7	2/10	3/-	3/3	3/9 each

Boat-Shaped Rosewood Plumb & Level

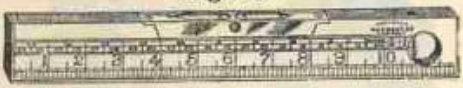
Fig. 5403

Heavy Brass Plates. Tipped Bottom.

Size	9	12 in.
No. 1628	3/11	5/- each

Masons' Boxwood Plumb and Level

Fig. 5404



Narrow Boxwood Rule and Plumb Level. Brass Tipped on Bottom.

Size	6	8	10	12 in.
No. 1369	2/8	2/10	3/3	3/6 each

Boxwood Rule and Plumb Level. Brass Tipped on Ends and Bottom.

Size	6	8	9	10	12 in
No 1371	2/11	3/2	3/4	3/8	4/- each

Wide Boxwood Rule and Plumb Level. Brass Tipped on Ends and Bottom.

Size	10	12	14	16	18	20	24 in.
No 1370	3/10	4/2	4/6	4/10	5/5	6/-	7/2 each

Brass Pocket Level

Fig. 5401

In Boxwood Case.

No. 1367, 4 in., 3/- each.

The Columbia "Which-way" Pocket Level (Made in U.S.A.). Fig. 5413

This useful little Level indicates in an instant which way the work is out. With all other levels this is not the case. They have to be placed first in one position and then in another before indicating the direction of deviation from truth.

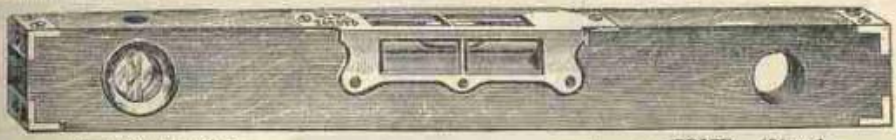
PRICE .. .. 4/2 each

ROSE TOOLS, INC.

Builders' Spirit Levels and Plumbs

Improved Registered Plumb and Level. Fig. 5407

Bubble Tube is set in centre of brass frame, having glass at top and sides, with very large openings, so that bubbles can be plainly seen from a distance or even from below. Tested both on base and at top. Mahogany. Tipped top and bottom corners.



No. 1098. Size 18 in. .. .. PRICE 13/- each

Double Plumb and Level. Fig. 9950

Brass Tipped on Bottom and at one End. Brass Cover Plate.

Size ..	30	36	42	48 in.
No. 78 ..	9/-	9/6	10/-	11/6 each

Single Plumb and Level Fig. 5933

Narrow Plumb and Level, 2¼ in. deep × 1 in. wide.

With one Plumb, one Spirit Level and Lead Plumb Bob (8 oz.) and line.

Brass Cover Plate.

No. 78. Size 42 in. .. .. PRICE 8/- each No. 79. Size 48 in. .. PRICE 8/6 each

Adjustable Plumb and Level. Fig. 9951

Fitted one pair of Level Tubes and two pairs of Plumb Tubes, all adjustable and all protected by glass coverings.

Aluminium Tipped Ends.

2½ in. deep × 1 in. wide

No. 80. Size 42 in. .. PRICE 12/6 each No. 80 Size 48 in. .. .. PRICE 14/- each

Single Plumb and Level. Fig. 9952

Brass Cover Plate and Strong Brass Tips on Bottom.

3½ in. deep × 1¼ in. wide.

Size ..	24	27	30	36 in.
No. 100 ..	7/4	7/10	8/4	10/- each

Adjustable Plumb and Level

Fig. 5406

The Spirit Glass or Bubble Tube is set in a metal case attached to the brass top plate by means of an adjusting screw and a hinge, and can be instantly set to an exact relation with the body of the level.

Brass Cover Plates and Full Brass Tipped.

Size	24	27	30	36 in.
No. 113	9/2	9/6	9/10	12/8 each
No. 112 (not brass tipped)	7/8	8/-	8/4	— "

Stanley "Odd Jobs" (Made in U.S.A.)

Fig. 5410

TEN TOOLS IN ONE

This tool is supplied with a 12 in. graduated rule, and near one end of the rule is an adjustable steel point. This greatly facilitates the use of the tool. Nickel-plated with Level and Rule. PRICE, 6/- each.

Stanley Plumbs and Level (Made in U.S.A.) can be supplied. Prices on application.

Disston Plumbs and Levels (Made in U.S.A.) can be supplied. Prices on application.

ROSE TOOLS, INC.

Millers Falls Levels (Made in U.S.A.)

Fig. 6452

Aluminium

Sturdy and well designed frame

M.F. No.	1012	1018	1024	1026	1028	1030	1042
Length	12	18	24	26	28	30	42 in.
PRICE	8/4	11/3	12/6	13/9	16/8	17/6	37/6 each

Furnished with 4 plumbs and 2 levels, except the 12 and 18 in. which have 2 plumbs and 2 levels.

Fig. 6453

Solid Mahogany. Natural finish.

Furnished with 2 plumbs and 2 levels.

M.F. No.	624	626	628	630
Length	24	26	28	30 in.
PRICE	9/6	10/-	10/6	10/6 each

Fig. 6453A

White Pine. Red finish.

Furnished with 1 plumb and 1 level.

M.F. No	312	316	318	320	324	326	328	330
Length	12	16	18	20	24	26	28	30 in.
PRICE	4/2	4/4	4/6	4/9	5/3	5/6	5/8	5/10 each

Fig. 6453 B

Solid Mahogany. Natural finish.

Brass Ends.

Furnished with 4 plumbs and 2 levels.

Length (M.F Nos. 642 and 648)	42	48 in
PRICE	19/6	20/10 each

Fig. 6453 C

White Pine. Red finish

Length	48 in.
PRICE, Brass ends (M.F. No. 848)	17/6 each
" " bound (" 948)	24/- "

Furnished with 4 plumbs and 2 levels.

Fig. 6453 D

White Pine. Red finish.

Furnished with 2 plumbs and 1 level

Length (M.F Nos 442 and 448)	42	48 in
PRICE	10/9	11/3 each

Fig. 6453 E

White Pine Red finish

Length	42	48 in
PRICE, Plain (M.F No. 548)	—	15/3 each
" Brass bound (M.F Nos 742 and 748)	18/9	23/9 "

Furnished with 4 plumbs and 2 levels

All Plumbs and Levels furnished with protected glasses.

Adjustable Aluminium Plumb and Level

Fig. 6454 (British Made)

Top and bottom surfaces are machine planed and parallel. The arrangement of duplicating all plumb and level glasses ensures one or other of them being brought into use whichever way the tool may be handled.

All tubes are of best proved quality and are adjustable individually—after removing a cover plate Substantial glass covers with rubber seals protect each opening from dirt and moisture.

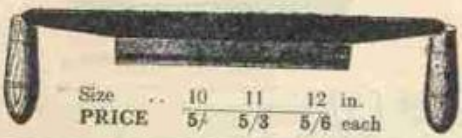
Size, 24 in. × 2¼ in. × 1 in. Weight, 2 lb. 6 oz. **PRICE 24/- each.**

ROSE TOOLS, INC.

Coopers' Tools

Drawing Knives. Fig. 5614

Electro Boracic Steel



Size ..	10	11	12 in.
PRICE	5/-	5/3	5/6 each

Hollowing Knives. Fig. 5615

Electro Boracic Steel

Size	5	6 in.
PRICE ..	4/3	4/3 each

Heading Knives. Fig. 6075

Electro Boracic Steel

Size ..	10	11	12 in.
PRICE	5/-	5/3	5/6 each

Crumming Knives

Fig. 5617. Electro Boracic Steel

Size	12 in.
PRICE	7/3 each

Jiggers. Fig. 5616

Electro Boracic Steel

Size ..	2½	3 in.
PRICE ..	4/4	4/11 each

Round Shaves

Fig. 5618
Electro Boracic Steel
PRICE 3/9 each

Socket Drivers

Fig. 5619

Electro Boracic Steel

PRICE, Stocked, 5/6 each

Stock and Ring only

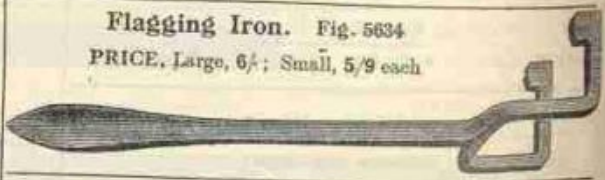
PRICE 1/8 each

Solid Drivers

Fig. 5620
PRICE 4/- each

Flagging Iron. Fig. 5634

PRICE, Large, 6/-; Small, 5/9 each



Coopers' Axes. Fig. 5489

Size	9	10	11	12 in.
PRICE ..	7/-	7/2	7/6	8/- each

Bung Ticklers

Fig. 5625

A. With Wood Head .. PRICE 2/- each
B. With Iron Head .. " 3/- "

Bung Floggers

Fig. 6076. PRICE .. .. 5/- each

ROSE TOOLS, INC.

Coopers' Tools

Coopers' Bick Irons
Fig. 5630
PRICE 1/3 per lb.

Coopers' Vice
Fig. 5631
PRICE 1/3 each

Coopers' Chive Vice
Fig. 5632
PRICE 9/- each

Coopers' Adzes

Electro Boracic Steel

Fig. 5503

Fig. 5505

Fig. 5506

		1	2	3	4
Fig. 5503.	Rounding Adzes	5/7	5/11	6/4	—
„ 5504.	Notching „ (or Nailing Adzes)	5/5	5/9	6/3	—
„ 5505.	„ „ Chequered Face	5/5	5/9	6/3	—
„ 5506.	„ „ „ and Clawed	5/8	5/10	6/2	—
„ 4160.	Trussing „	—	5/2	5/6	5/8

Coopers' Jointers, Head and Side

Fig. 5637

Complete with irons, 5 ft., 37/6; 6 ft., 40/- each.
Extra Irons, see Plane Irons.

Improved Chives, Iron Plated

Fig. 5638

Pin, 20/3; Firkin, 21/-; Kilderkin, 22/6; Barrel, 28/6; Hogshead, 28/6; Butt, 30/- each.

Coopers' Shaves Fig. 5629

Downright	13/3 each
Inside, 4½ or 4 in.	11/3 „
Outside, 4½ or 4 in.	10/6 „
Inside, 3½ or 3 in.	10/6 „
Outside, 3½ or 3 in.	9/9 „
Buzz or Scraper	10/6 „

Coopers' Swifts Fig. 5642

Inside or Outside

Iron For	2½ Butt	2½ Hogshead	2¼ Barrel	2 Kilderkin	1¾ Firkin	1½ in. Pin
PRICE	21/-	15/-	14/3	13/6	12/9	12/6 each

Inside, plated, 2½ in., 17/3 each.
Downright, 13/3 each, plated.

Heading. Size	2	2½	2½	2¾	3 in.
PRICE	12/9	13/6	14/3	15/-	15/9 each

Sundry Tools

Fig. 6077.	Flags	7/6 per bolt
„ 5641.	Topping Planes, complete	12/- each
„ 5643.	Chiseing Irons	2/6 „
„ 5645.	Dowelling Stocks	15/6 „

Fig. 5644. Bright Wing Compasses

Size	8	10	12	14	16	18 in.
PRICE	3/6	4/6	5/3	6/6	7/8	9/- each

„ 5648.	Chisels	1/- each
„ 5649.	Coopers' Hammers	/10 lb.
„ 5650.	Frows, 7 in., 3/6; 8 in., 4/-; 9 in., 4/6 each.	

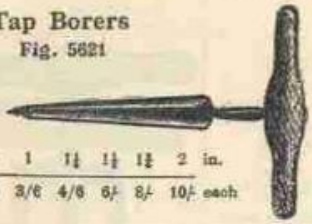
2, WHITECHAPEL ROAD, LONDON, E. 1.

ROSE TOOLS, INC.

Coopers' Tools

Tap Borers

Fig. 5621



Size ..	¾	⅞	1	1¼	1½	1¾	2 in.
PRICE ..	2/6	3/-	3/6	4/6	6/-	8/-	10/- each

Bung Borers

Fig. 5622

Similar in design to Fig. 5621

Extra Strong, Rivetted Handle.

Size	2½	3	3½	4 in.
PRICE	19/6	22/6	30/-	35/- each

"Enterprise" Improved Bung Borer

Fig. 5623 (Made in U.S.A.)

Bores a complete round hole, regular taper; holds its own chips, and prevents them from entering the cask.

No. 1.	Small size, boring from	¾ to 1¼ in. ..	26/6 each
„ 2.	Medium „ „	1¼ „ 2 „ ..	34/- „
„ 3.	Large „ „	1½ „ 3 „ ..	42/6 „

To sharpen the stock or reamer, file the inside of slot only.

Buck & Hickman's Improved Bung Borer Fig. 5624

This Bung Borer is claimed as the best manufactured, and has a constantly increasing sale. The body is gunmetal, the cutting edge being a steel knife let into a dovetail groove.

Size	2½	3	3½	4 in.
PRICE ..	73/2	95/-	114/-	128/3 each

Coopers' Croze Irons or Hawksbills

Regular Type. Fig. 5627

Size of Stock	12	14	16	18	20	22	24 in.
Size of Iron	1½	1½	1½	2	2½	3	3 „
For	Saw Croze	Pin	Firkin	Kilderkin	Barrel	Hogshead	Butt
Complete on Wood Stock	16/6	21/-	22/6	22/6	24/-	27/-	30/-
Irons only	3/6	4/3	4/6	5/6	—	—	..

Fig. 5627
Regular

Improved Type. Fig. 5629

PRICE, complete on Wood Stocks, Small, 22/6; Large, 24/- each.
„ Irons only, Small, 11/6; Large 12/6 each.

Fig. 5629
Improved

Bushing Tools

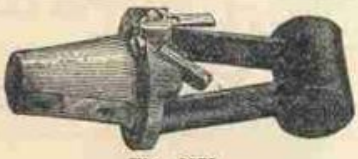


Fig. 6078

Fig. 6079

Size	1½	1¾	2	2¼	2½ in.
PRICE, Flush Knife Borer. Fig. 6078 (handled)	39/6	39/6	40/6	43/9	47/3 each
„ Fluted Fixing Key. Fig. 6079	55/9	55/9	55/9	60/-	63/- „
„ Handle for Fixing Key	7/6	7/6	7/6	9/3	10/6 „

Iron and Wood Truss Hoops. Prices on application.

ROSE TOOLS, INC.

Pocket Knives

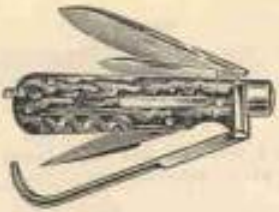


Fig. 9976 Length, 3½ in.
PRICE, Stag, 9/9 each.

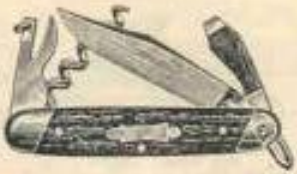


Fig. 9977 Length, 3½ in.
Sportsman's Knife
PRICE, Stag, 5/6 each.

Fig. 9978 Length, 3½ in.
PRICE, Stag, 8/6 each

Fig. 554 Length, 3½ in.
PRICE, Ivory, 12/6;
Stag, 11/- each.

Fig. 9979 Hunting Knife
Vulcanite Handle. Blade 5 in. long.
PRICE, 3/6 each complete with Sheath.
Ditto, Ditto, Stainless Steel Blade,
PRICE, 7/6 each complete with Sheath

Fig. 9980 Length, 3 in.
PRICE, Ivorine Handle,
Stainless Steel Blade,
2/3 each.

Fig. 9981 Length, 3½ in.
Wireless Knife. Fibre Handle.
PRICE, 3/6 each.
Ditto, Ditto, with lock screwdriver blade. PRICE, 4/- each.

Fig. 9982

Length ..	3	4 in.
Nickel Silver	7/9	8/9 each.

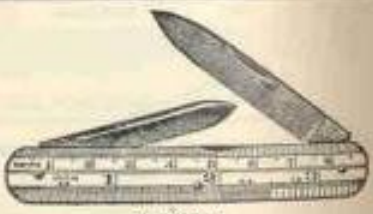
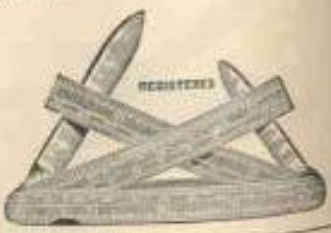


Fig. 3722
Bright Steel Rule Knife, 3½ in. with two blades, 4/- each.

Engineers' Pocket Knives

Fig. 3720. Steel Rule Knife, marked ins. and m/m, with two blades and eight feeler blades. 7/6 each.

Fig. 3721. Two blades and N.P. Steel Rule, 12 in. long divided into ½, ⅛, ¼ and ⅛ and ½. In Pigskin sheath. 6/6 each.



ROSE TOOLS, INC.

Pocket Knives

Fig. 9959. Length 3½ in.
PRICE, Fine Ivory .. 11/6 each

Fig. 3732. Length 3½ in.
PRICE, Fine Ivory with stars 11/6 each

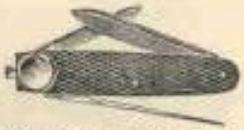


Fig. 9960. Smokers' Knife. Length 3 in
PRICE, Chequered Horn .. 11/6 each

Fig. 9961. Length 3½ in.
PRICE, Fine Ivory .. 7/- each

Fig. 9962. Length 3½ in.
PRICE, Fine Ivory .. 13/- each

Fig. 9963. Length 3½ in.
PRICE, Fine Ivory .. 7/- each

Fig. 9968. Length 3½ in.
PRICE, Fine Ivory .. 10/6 each

Fig. 9969. Length 3½ in.
PRICE, Buffalo Horn .. 4/- each
" Stag .. 4/- "

Fig. 9970. Length 3½ in.
PRICE, Pearl .. .. 10/6 each

Fig. 9971. Length 3½ in.
PRICE, Fine Ivory .. 7/- each

Fig. 9972. Length 3½ in.
PRICE, Stag .. .. 8/6 each

Fig. 9972. Length 3 in.
PRICE, Pearl .. .. 6/6 each

Fig. 9974. Length 3 in.
PRICE, Nickel Silver Handles
Stainless Steel Blades .. 2/9 each

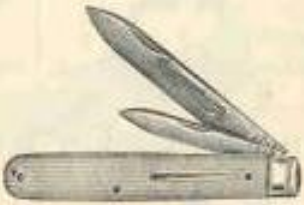


Fig. 552. Length 3½ in.
PRICE, Ivory .. .. 4/9 each
" Stag .. .. 4/6 "

Fig. 9975. Length 3 in.
PRICE, Stainless Steel throughout .. .. 5/- each

Fig. 3741. Length 3½ in.
Contains 2 Blades and File on Spring.
PRICE, Ivory .. .. 5/6 each
" Stag .. .. 5/3 "

Fig. 3742
Length .. .. 3½ 3¾ 3¾ in.
PRICE, Ivory .. 2/9 3/- 3/9 each

Fig. 3743
Nickel Silver Scales, very thin.
Length .. .. 3 3½ in.
PRICE .. .. .. 2/3 4/- each

ROSE TOOLS, INC.